Title: TRAFFIC LIGHT VIOLATION
PREDICTION AND RECORDING SYSTEM
Inventors: Michael T. Glier, et al.
Appl. No.: 09/444,084
Docket No.: NEST-007XX

OIPE
MAR 12 2003
PATENT & TRADEMARK OFFICE
JC109





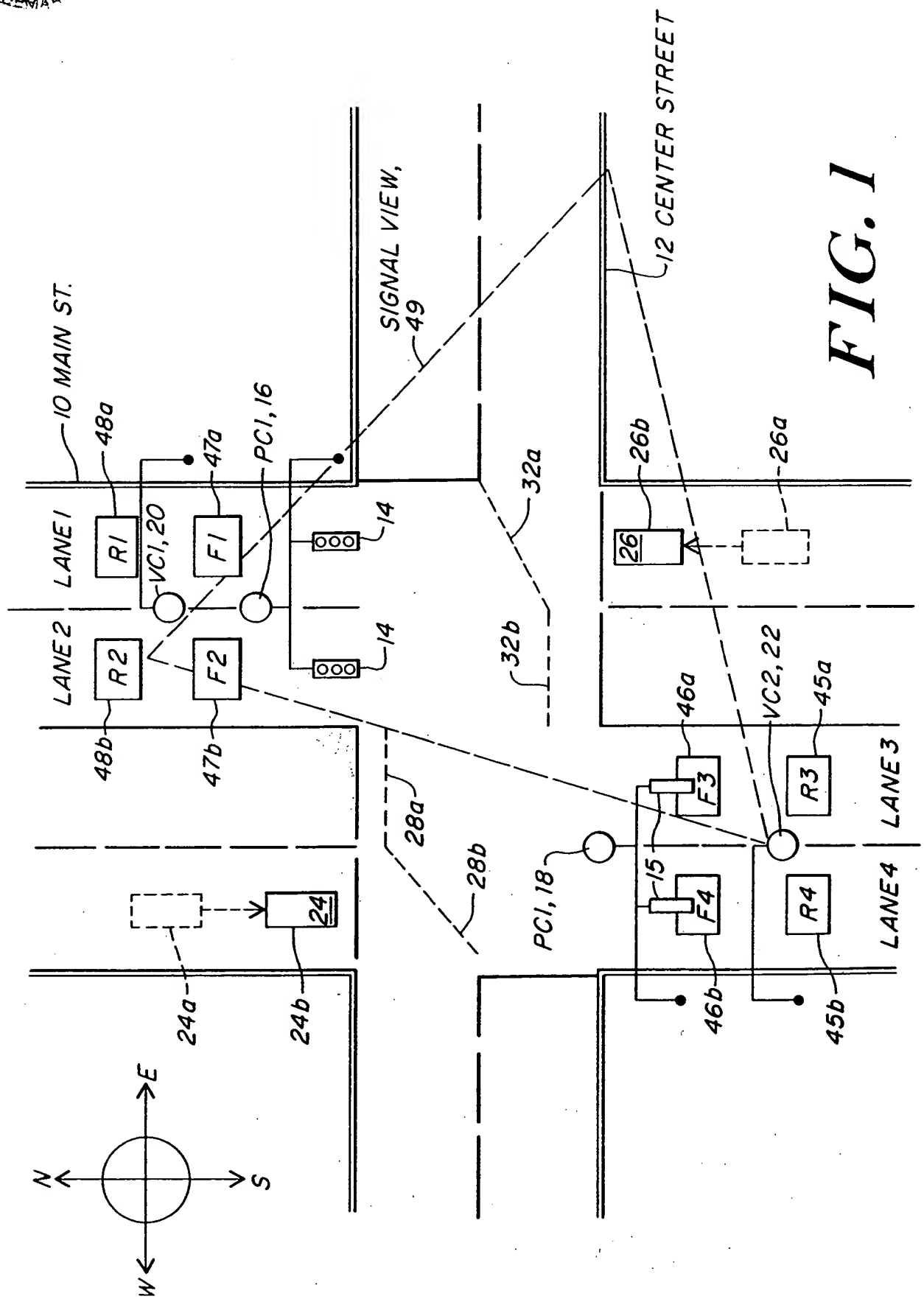


FIG. 1

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JC10

Title: TRAFFIC LIGHT VIOLATION PREDICTION AND RECORDING SYSTEM
Inventors: Michael T. Glier, et al.
Appl. No.: 09/444,084
Docket No.: NEST-007XX



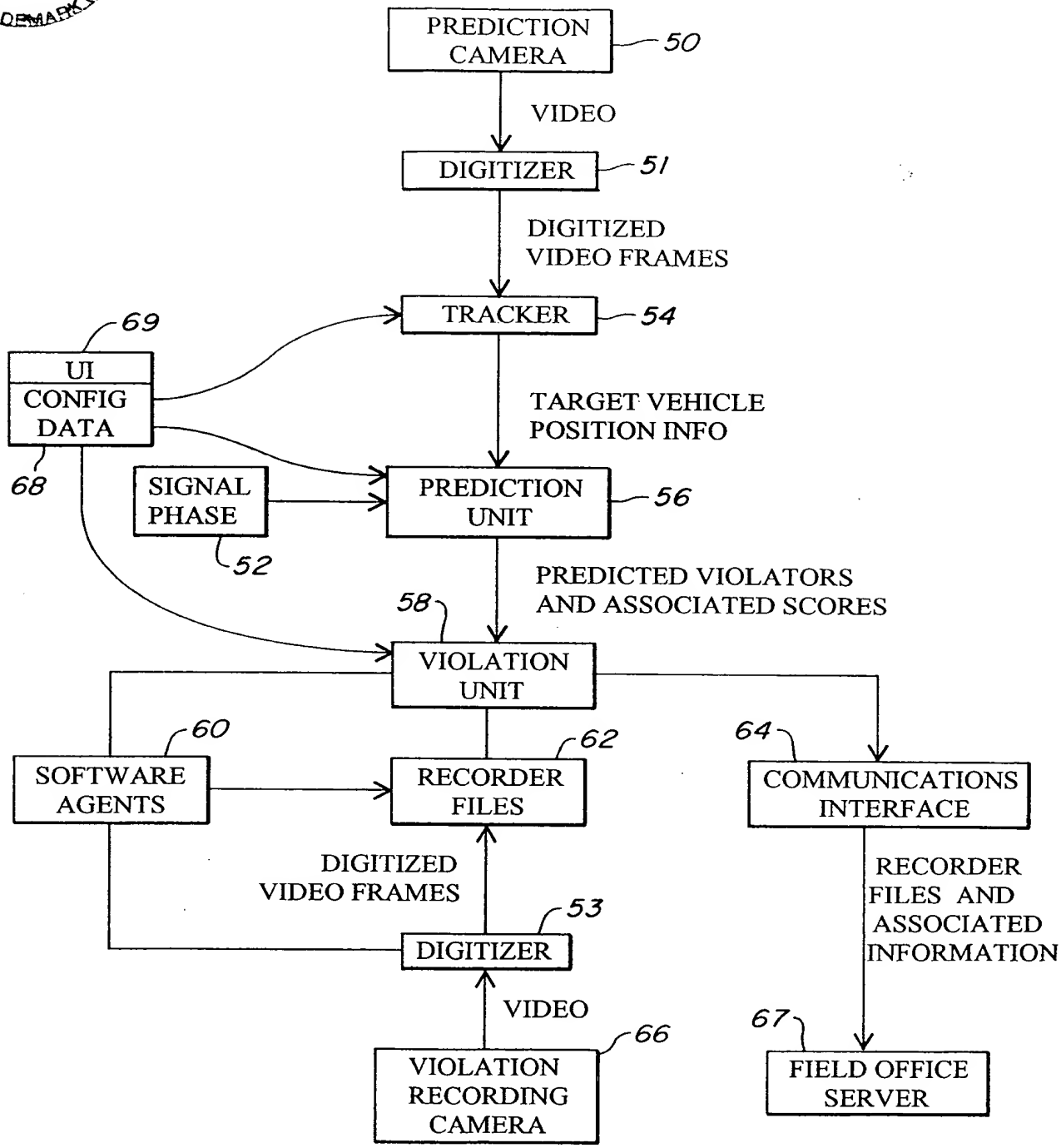


FIG. 2

OIPE
MAR 1 2 2003
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JC109



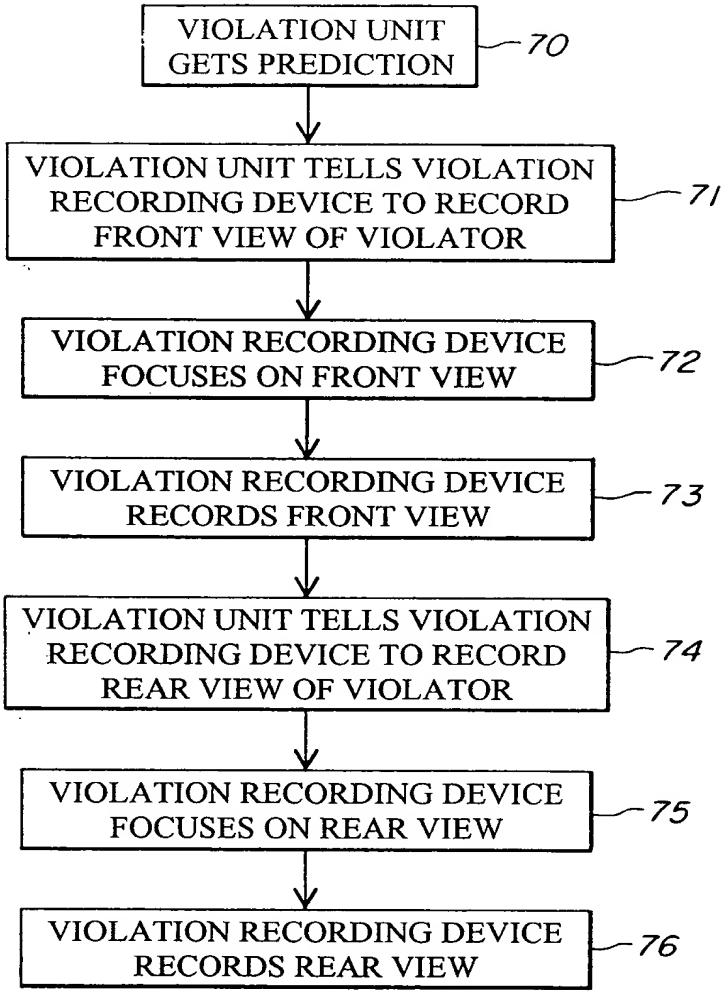



*FIG. 3*

OIPE
MAR 1 2 2003
PATENT & TRADEMARK OFFICE
JC103

Title: TRAFFIC LIGHT VIOLATION PREDICTION AND RECORDING SYSTEM
Inventors: Michael T. Glier, et al.
Appl. No.: 09/444,084
Docket No.: NEST-007XX



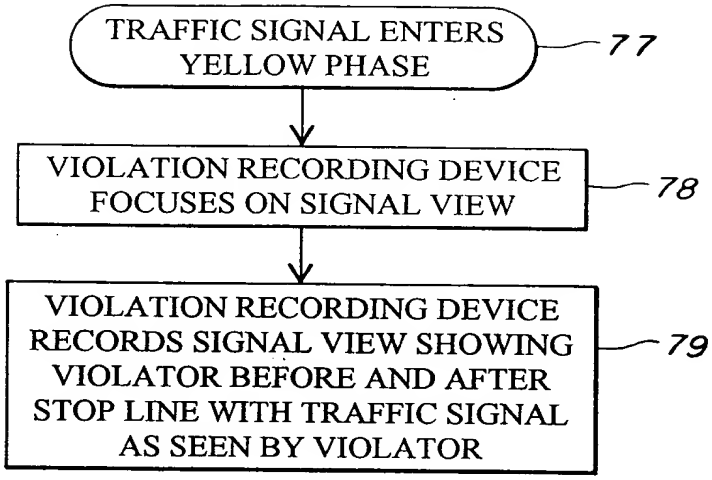



FIG. 4

OIPE JC109
MAR 1 2 2003
PATENT & TRADEMARK OFFICE

Title: TRAFFIC LIGHT VIOLATION PREDICTION AND RECORDING SYSTEM
Inventors: Michael T. Glier, et
Appl. No.: 09/444,084
Docket No.: NEST-007XX



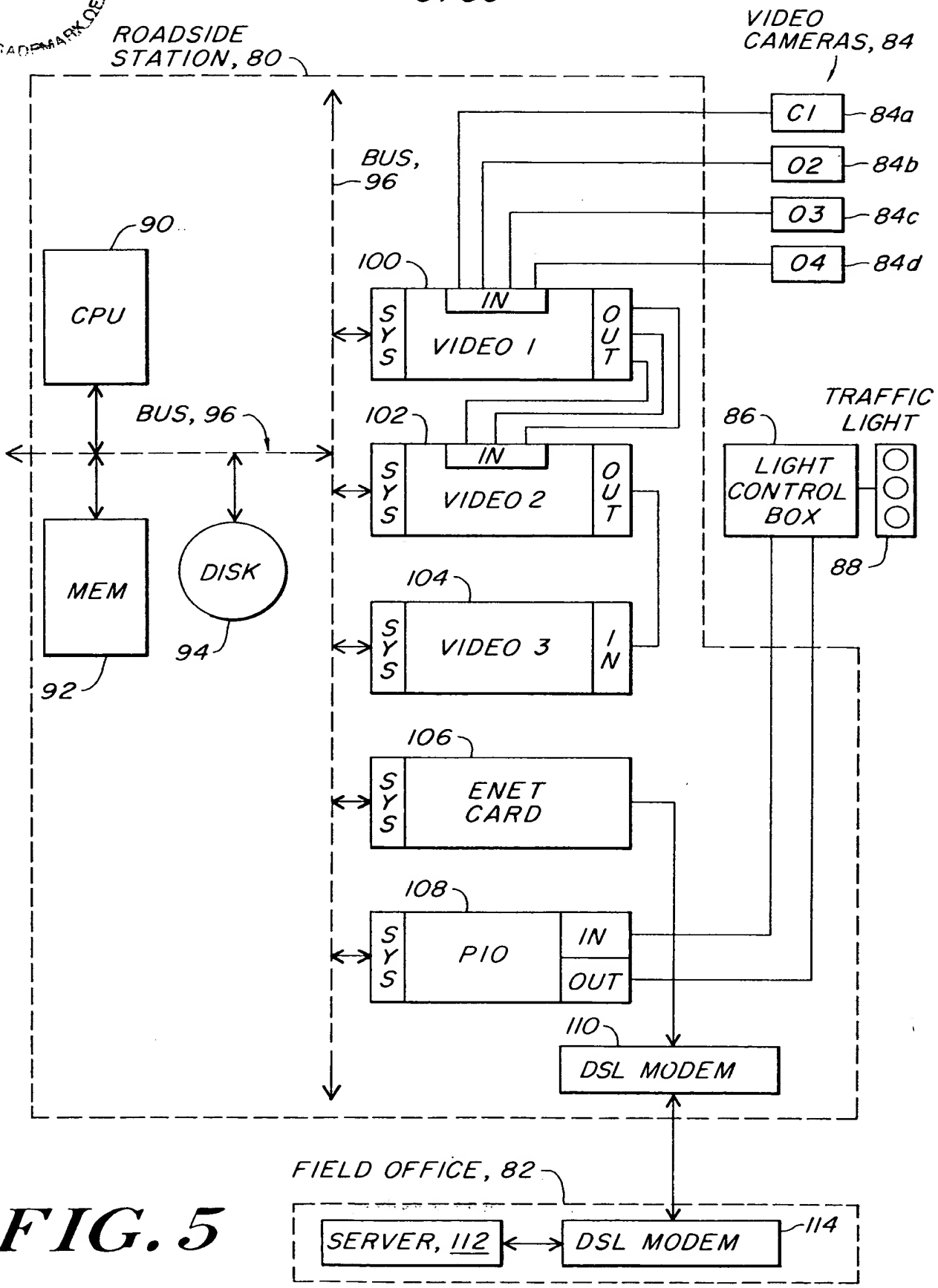



FIG. 5

OIPE JC109
MAR 12 2003
PATENT & TRADEMARK OFFICE

Title: TRAFFIC LIGHT VIOLATION
PREDICTION AND RECORDING SYST
Inventors: Michael T. Glier, e
Appl. No.: 09/444,084
Docket No.: NEST-007XX



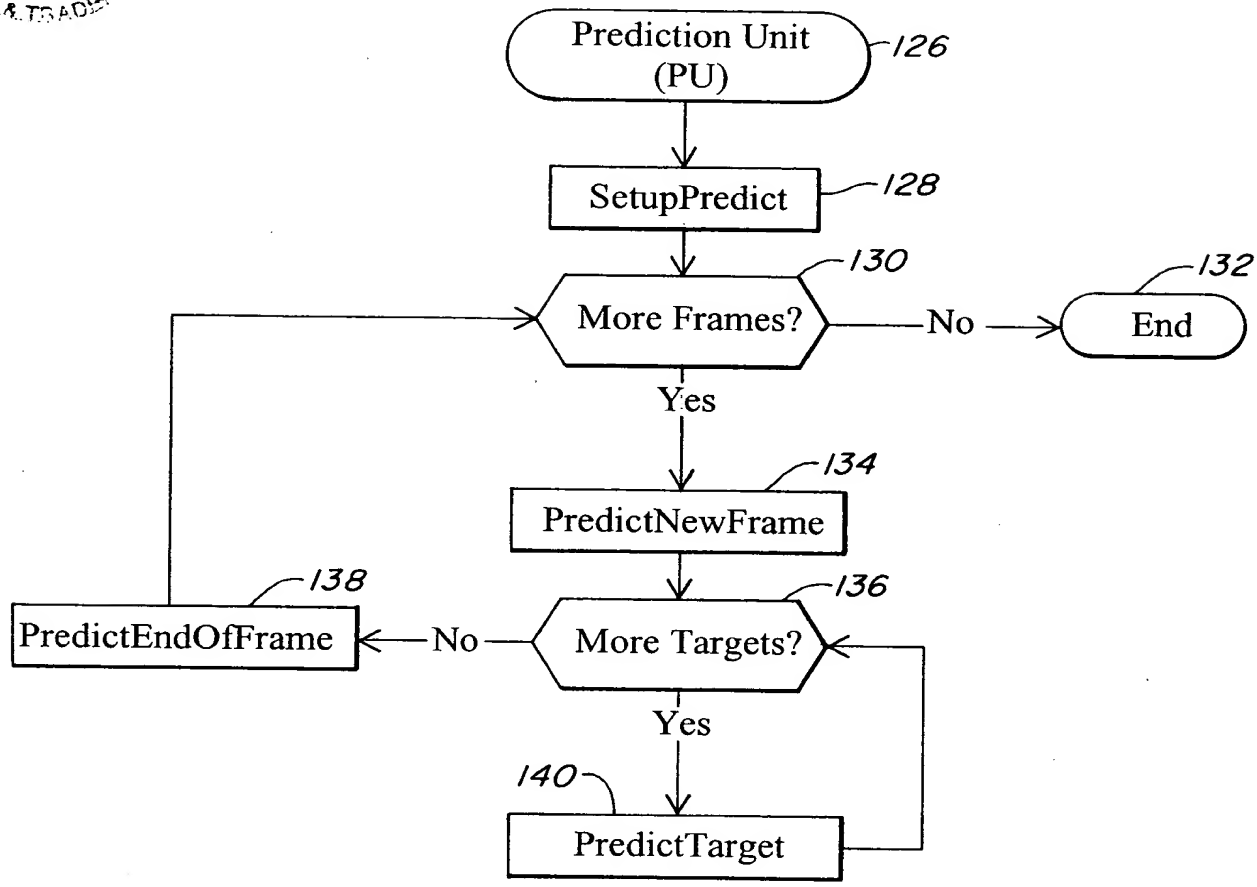



FIG. 6

OIPE JC109
MAR 12 2003
PATENT & TRADEMARK OFFICE

Title: TRAFFIC LIGHT VIOLATION PREDICTION AND RECORDING SYSTEM
Inventors: Michael T. Glier, et al.
Appl. No.: 09/444,084
Docket No.: NEST-007XX



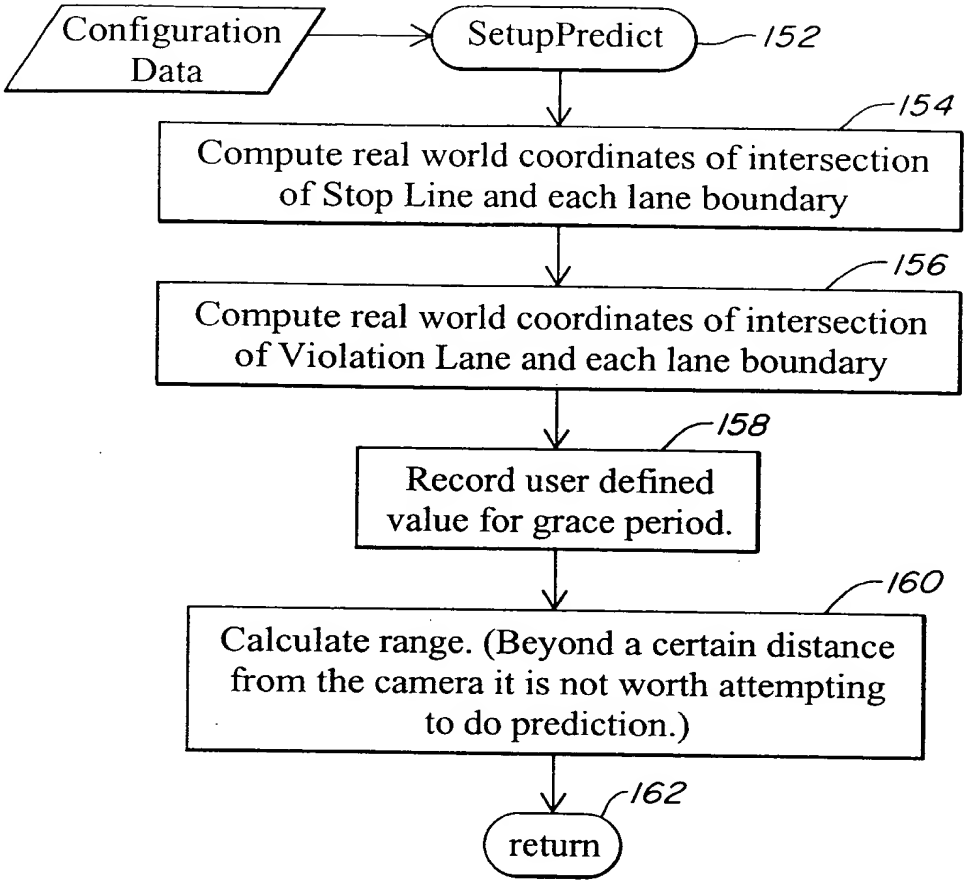



FIG. 7

OIPE JC109
MAR 12 2003
PATENT & TRADEMARK OFFICE

Title: TRAFFIC LIGHT VIOLATION PREDICTION AND RECORDING SYSTEM
Inventors: Michael T. Glier, et al.
Appl. No.: 09/444,084
Docket No.: NEST-007XX



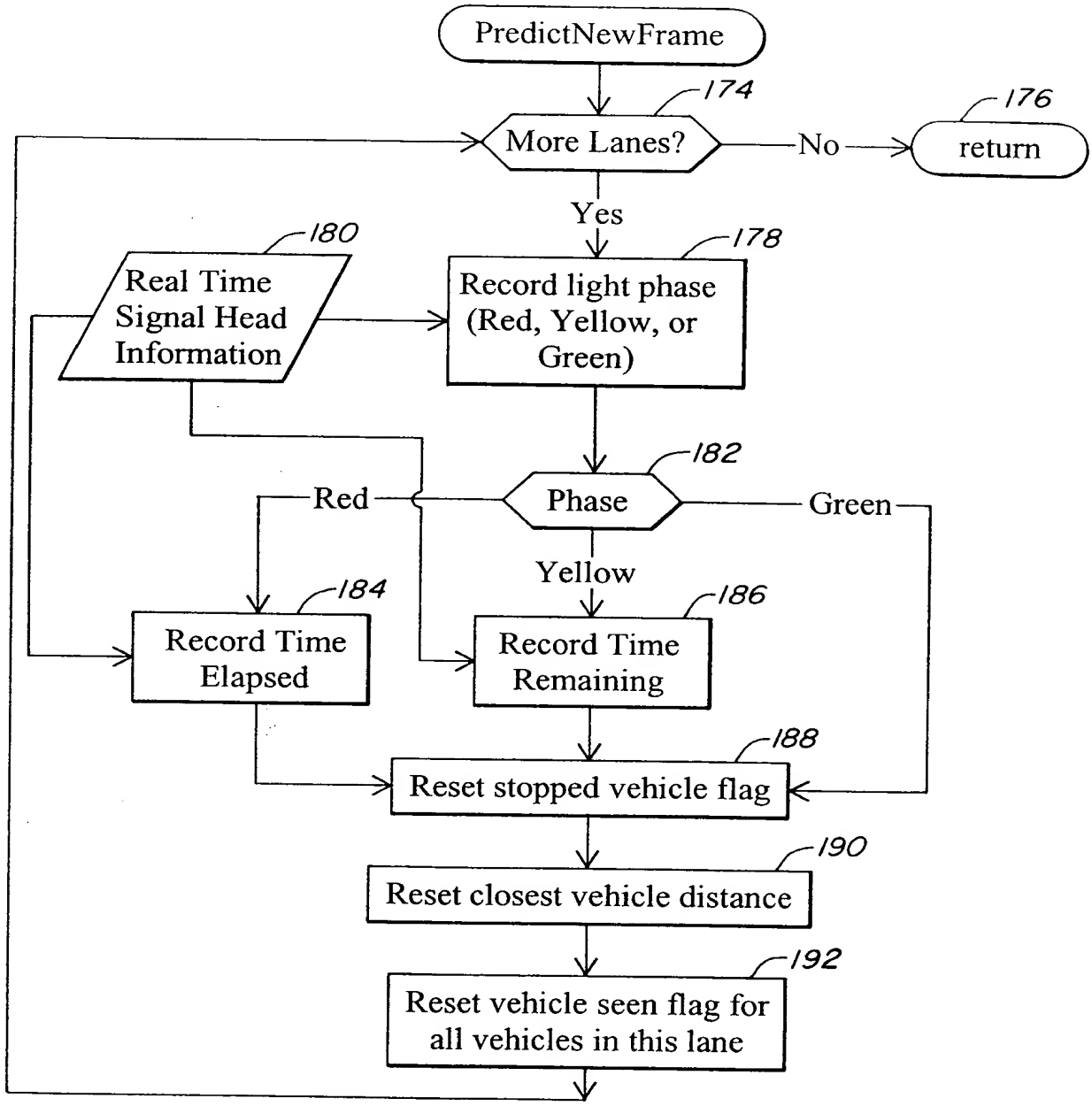



FIG. 8

OIPE JC10
MAR 12 2003
PATENT & TRADEMARK OFFICE

Title: TRAFFIC LIGHT VIOLATION PREDICTION AND RECORDING SYSTEM
Inventors: Michael T. Glier, et al.
Appl. No.: 09/444,084
Docket No.: NEST-007XX



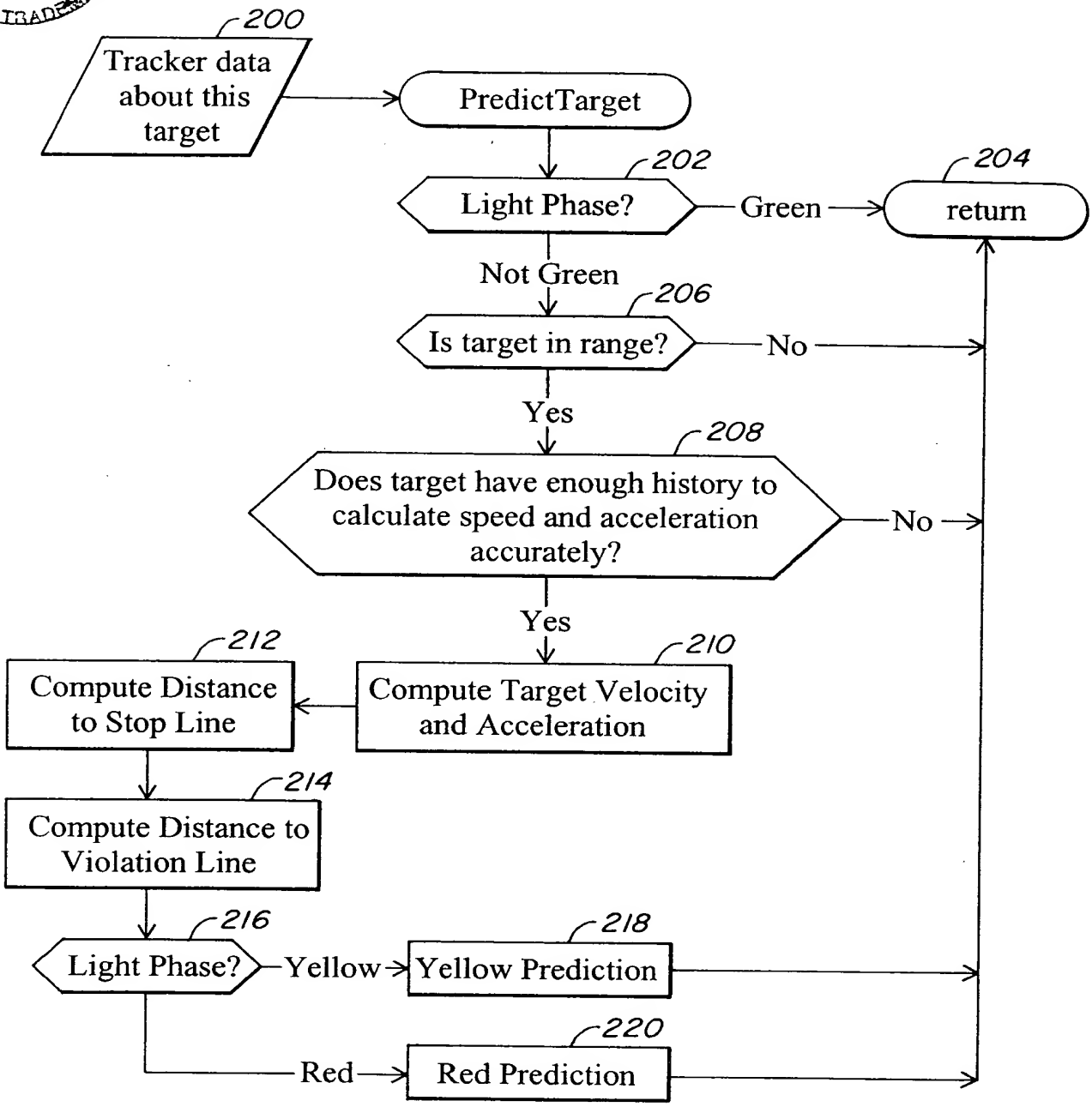



FIG. 9

Title: TRAFFIC LIGHT VIOLATION PREDICTION AND RECORDING SYSTEM
Inventors: Michael T. Glier, et
Appl. No.: 09/444,084
Docket No.: NEST-007XX

OIPE JC109 MAR 12 2003 PATENT & TRADEMARK OFFICE



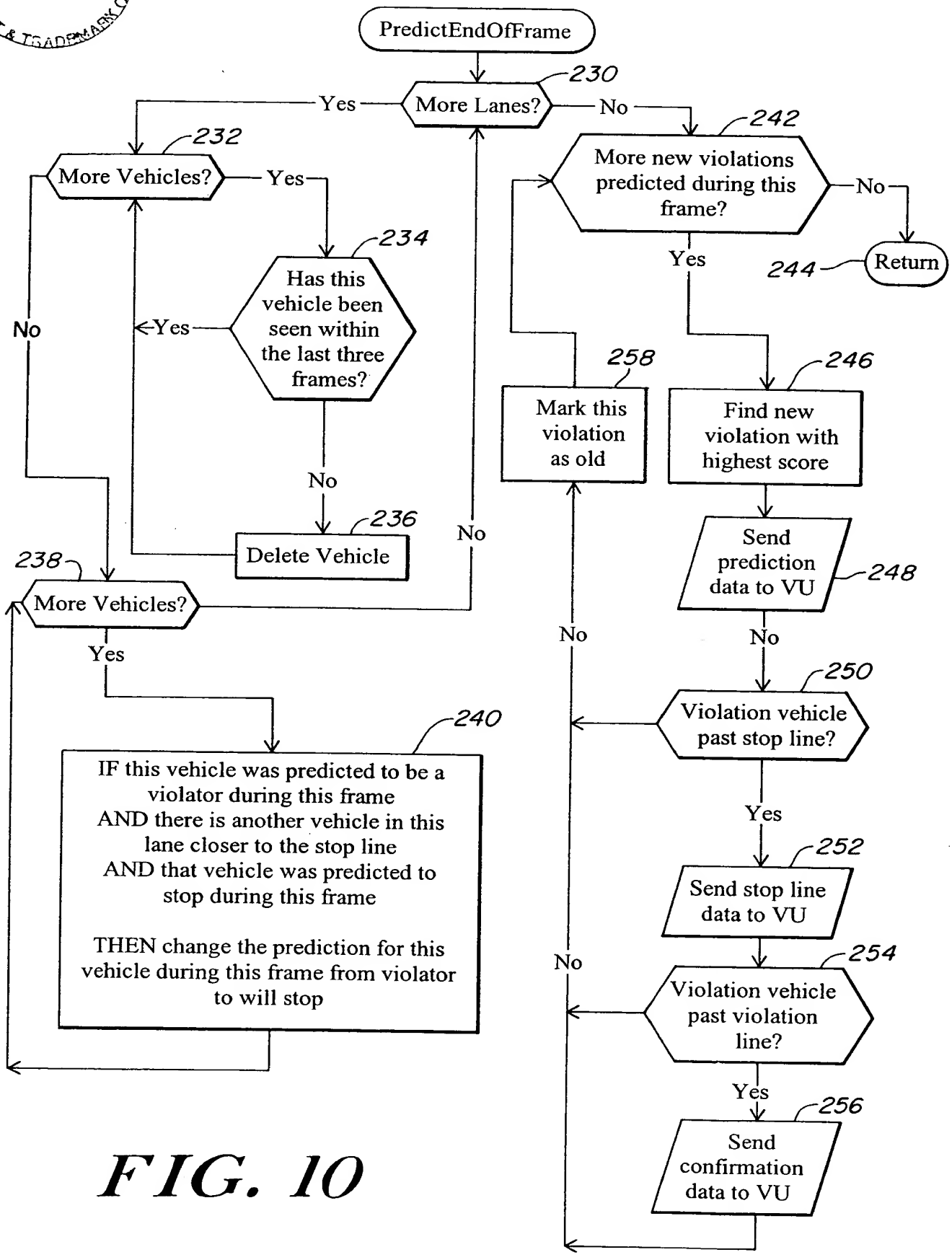



FIG. 10

OIPE JC103
MAR 12 2003
PATENT & TRADEMARK OFFICE

Title: TRAFFIC LIGHT VIOLATION PREDICTION AND RECORDING SYSTEM
Inventors: Michael T. Glier, et al.
Appl. No.: 09/444,084
Docket No.: NEST-007XX



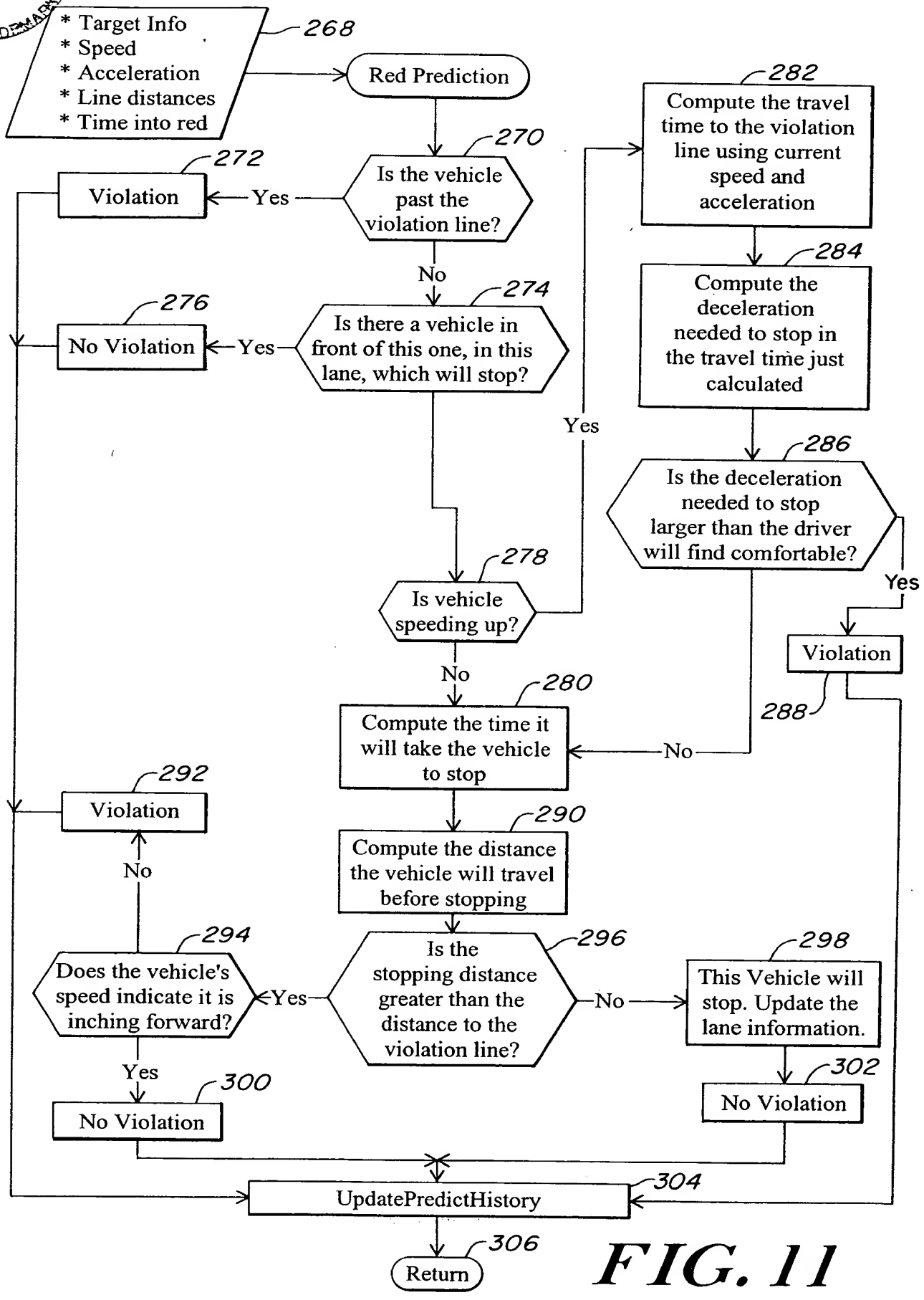



FIG. 11

OIPE JC109
MAR 12 2003
PATENT & TRADEMARK OFFICE

Title: TRAFFIC LIGHT VIOLATION PREDICTION AND RECORDING SYSTEM
Inventors: Michael T. Glier, et al.
Appl. No.: 09/444,084
Docket No.: NEST-007XX



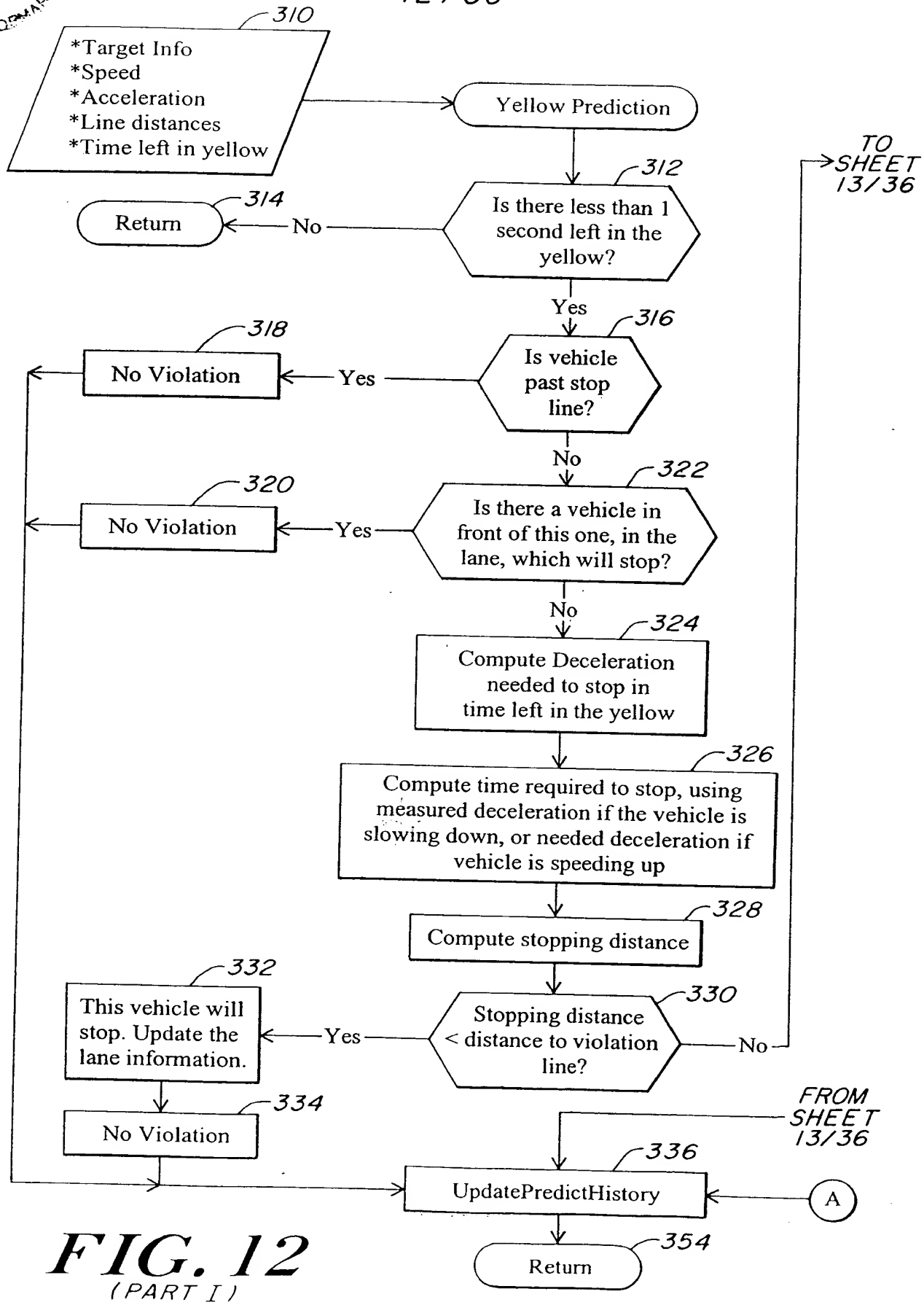



FIG. 12
(PART I)

OIPE JC103
MAR 12 2003
PATENT & TRADEMARK OFFICE

Title: TRAFFIC LIGHT VIOLATION PREDICTION AND RECORDING SYSTEM
Inventors: Michael T. Glier, et al.
Appl. No.: 09/444,084
Docket No.: NEST-007XX



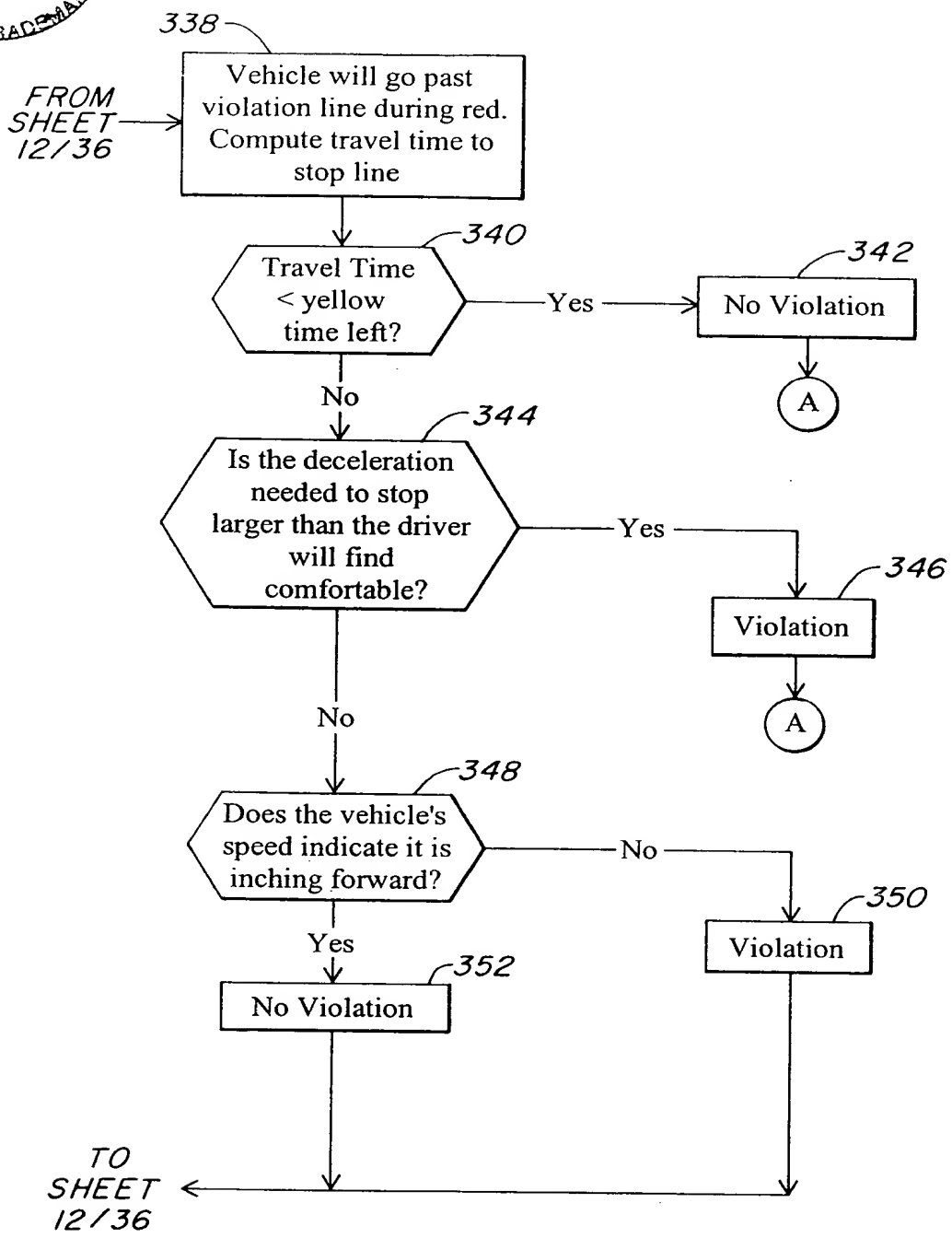



FIG. 12
( PART II )

Title: TRAFFIC LIGHT VIOLATION PREDICTION AND RECORDING SYSTEM
Inventors: Michael T. Glier, et al.
Appl. No.: 09/444,084
Docket No.: NEST-007XX

OIPE JC109 MAR 12 2003 PATENT & TRADEMARK OFFICE



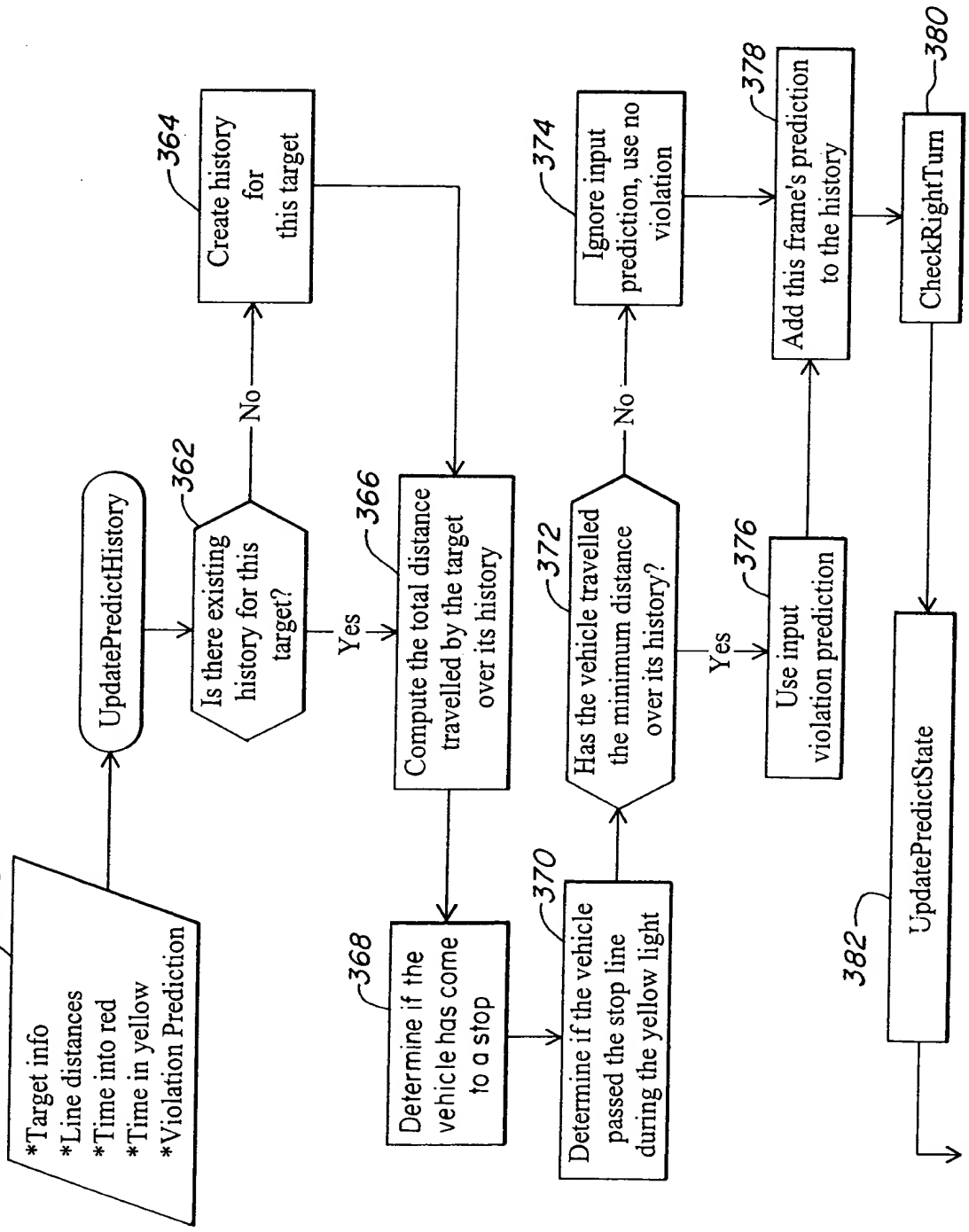



FIG. 13
(PART I)

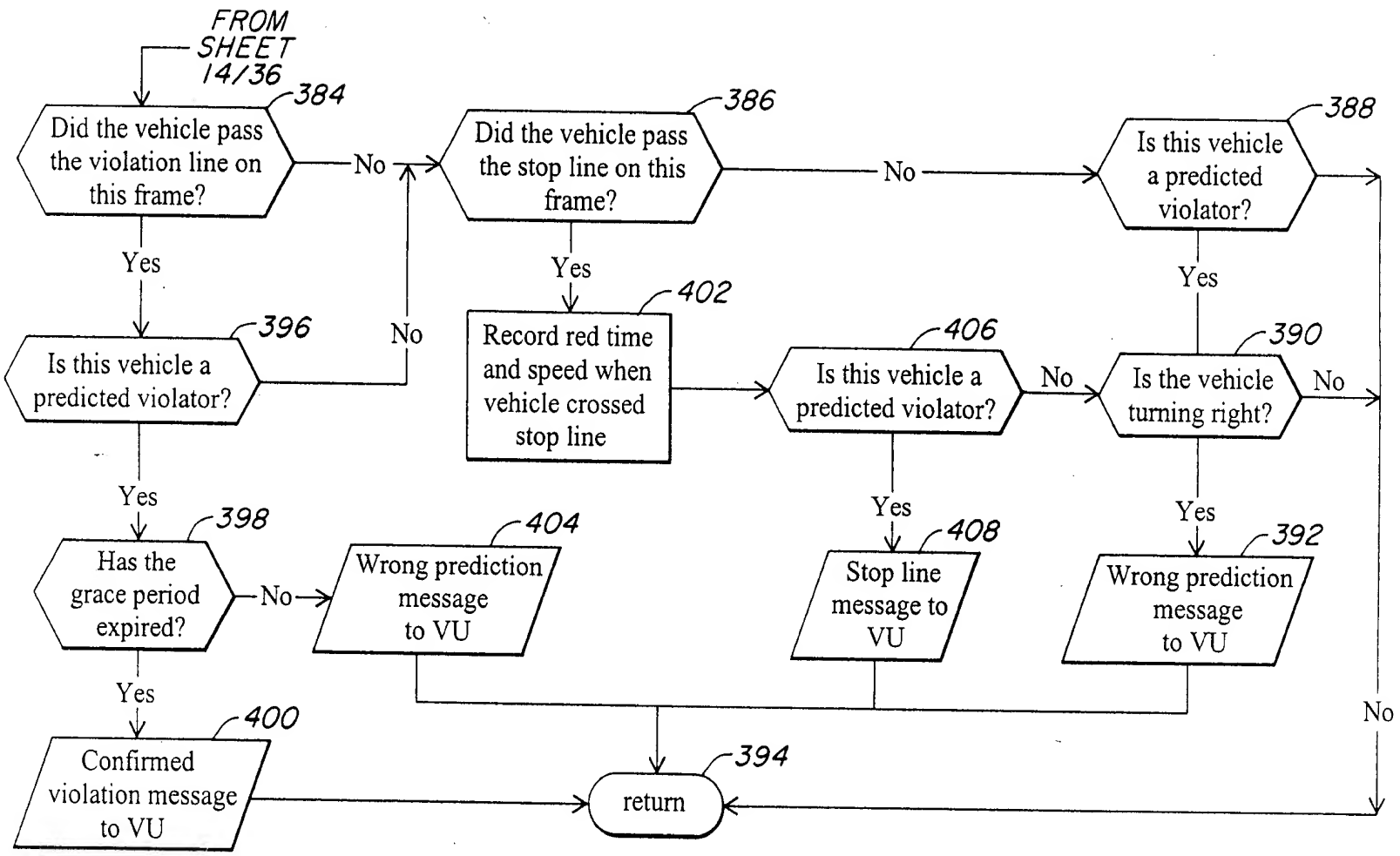



FIG. 13
( PART II )

OIPE
MAR 12 2003
PATENT & TRADEMARK OFFICE
JC105



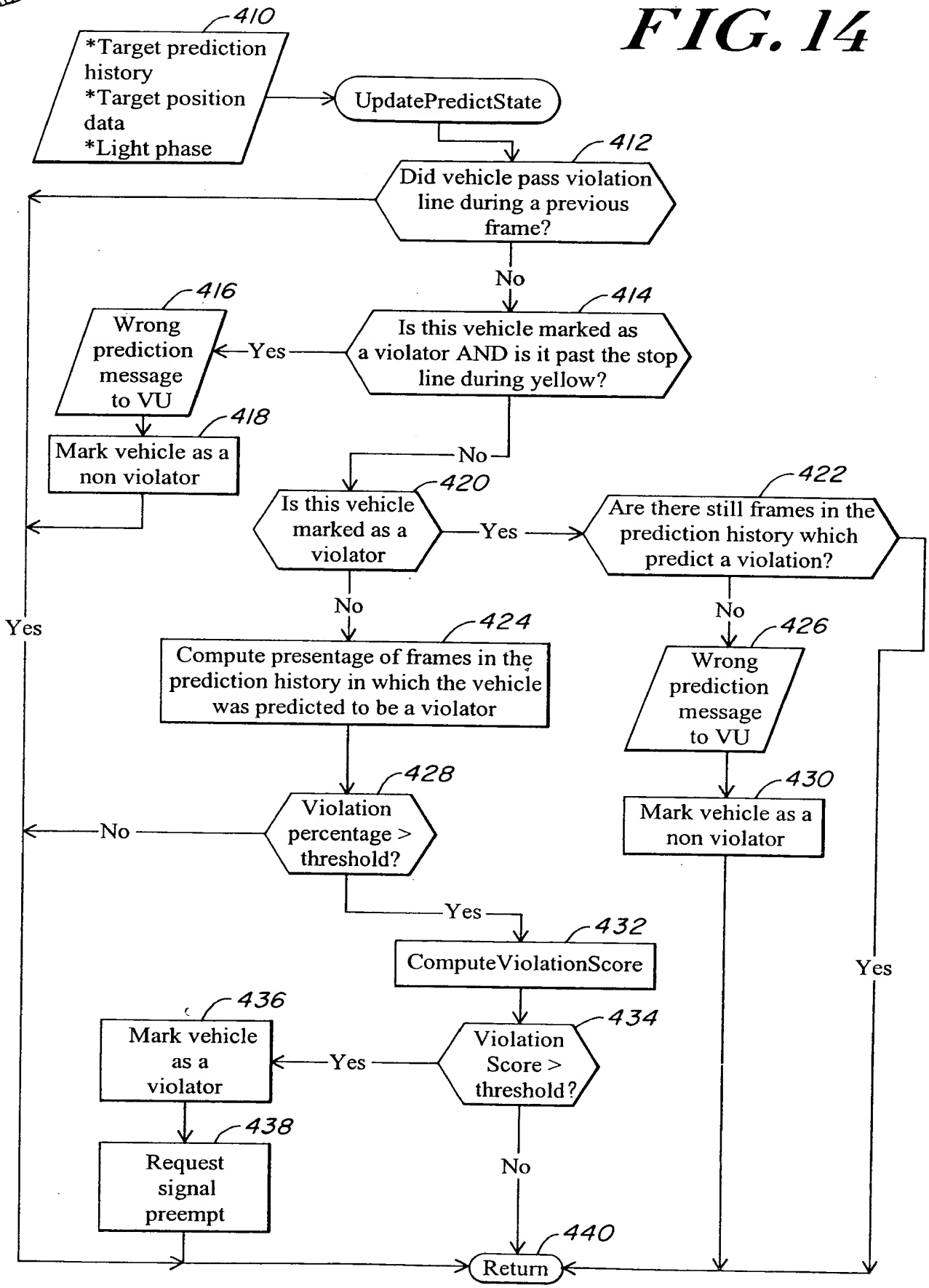
Title: TRAFFIC LIGHT VIOLATION PREDICTION AND RECORDING SYSTEM
Inventors: Michael T. Glier, et al.
Appl. No.: 09/444,084
Docket No.: NEST-007XX

OIPE JC103
MAR 12 2003
PATENT & TRADEMARK OFFICE

Title: TRAFFIC LIGHT VIOLATION PREDICTION AND RECORDING SYSTEM
Inventors: Michael T. Glier, et al.
Appl. No.: 09/444,084
Docket No.: NEST-007XX



FIG. 14



OIPE JC109
MAR 12 2003
PATENT & TRADEMARK OFFICE

Title: TRAFFIC LIGHT VIOLATION PREDICTION AND RECORDING SYSTEM
Inventors: Michael T. Glier, et al.
Appl. No.: 09/444,084
Docket No.: NEST-007XX



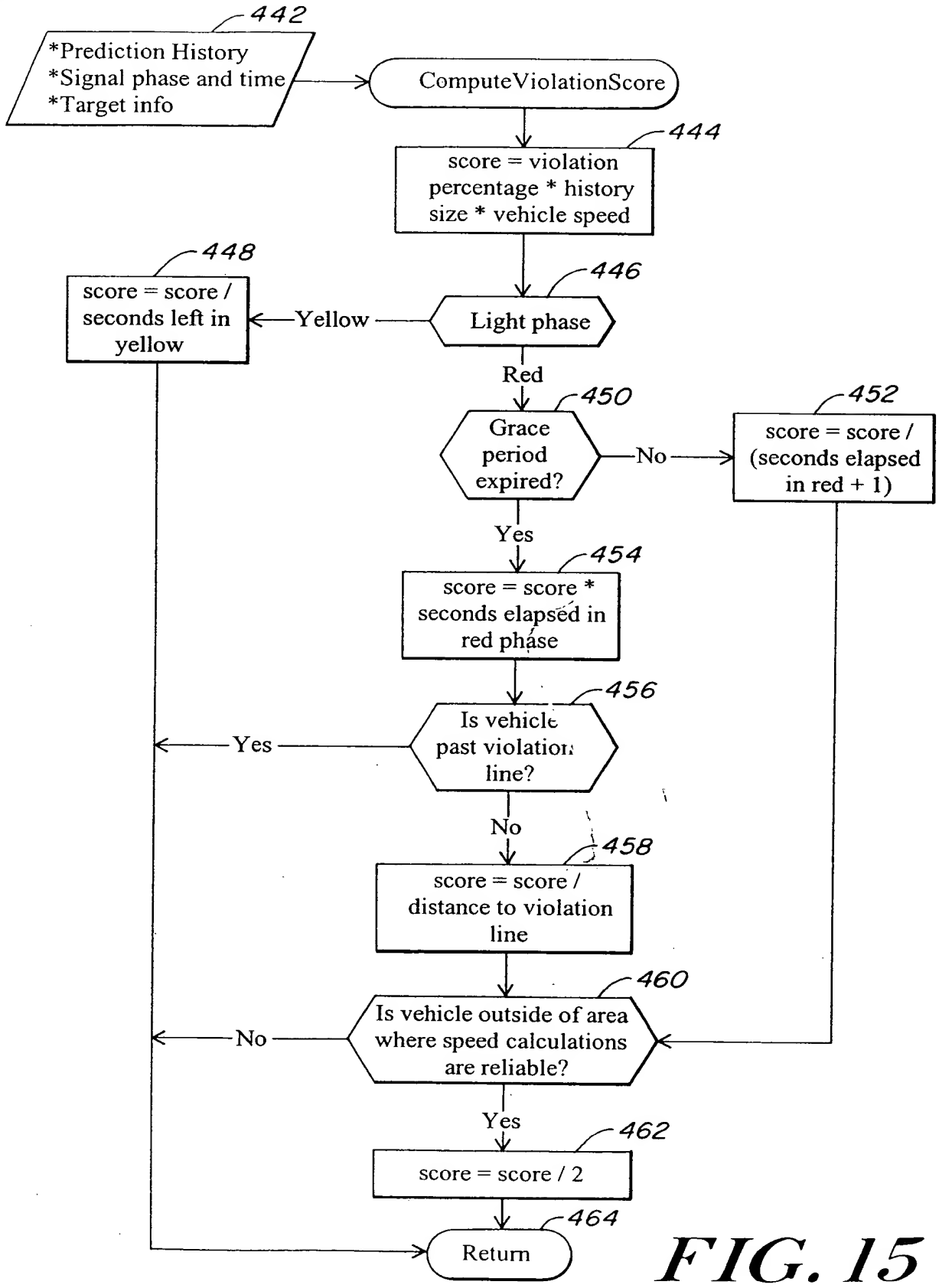



FIG. 15

OIPE JC109
MAR 12 2003
PATENT & TRADEMARK OFFICE



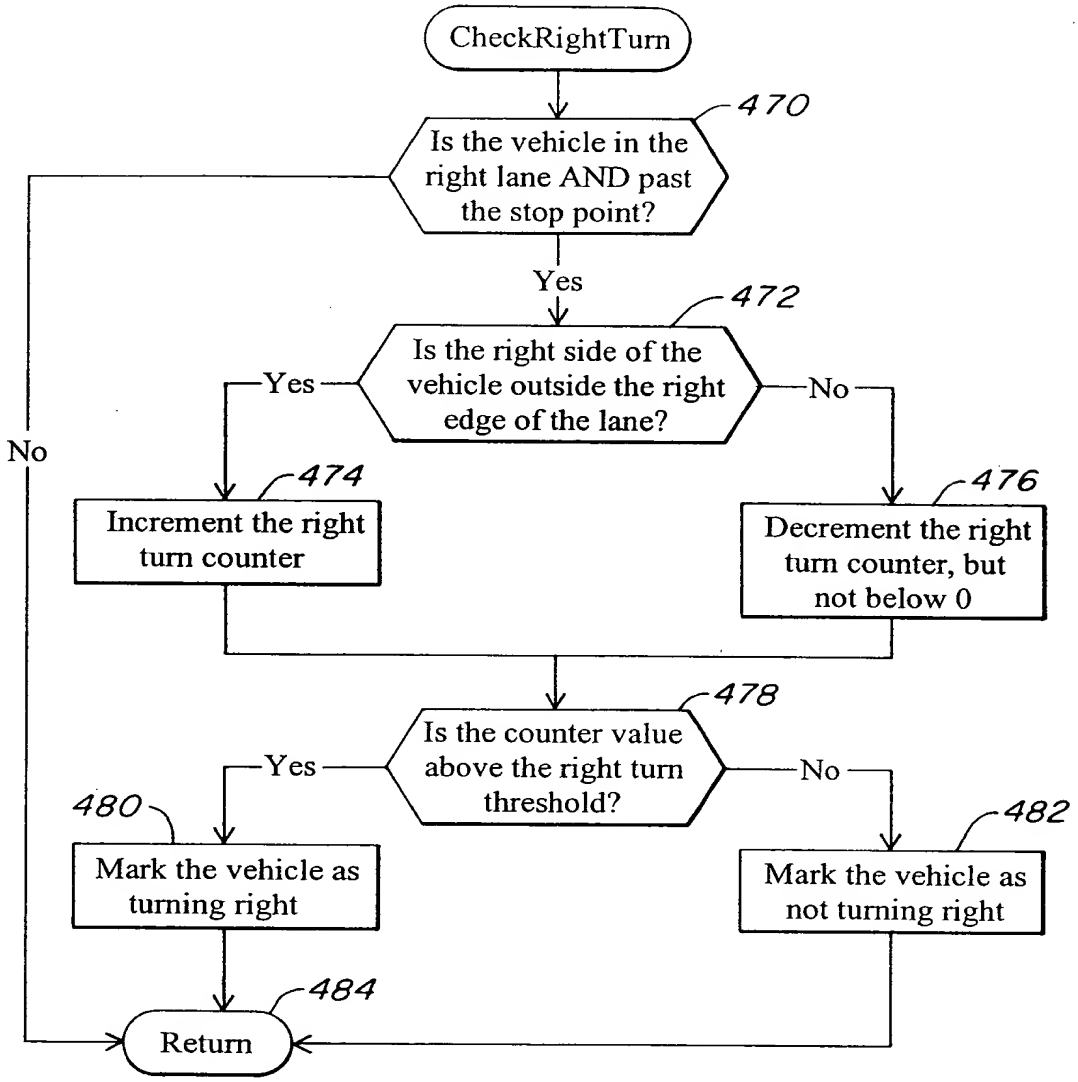



FIG. 16

OIPE JC109
MAR 12 2003
PATENT & TRADEMARK OFFICE



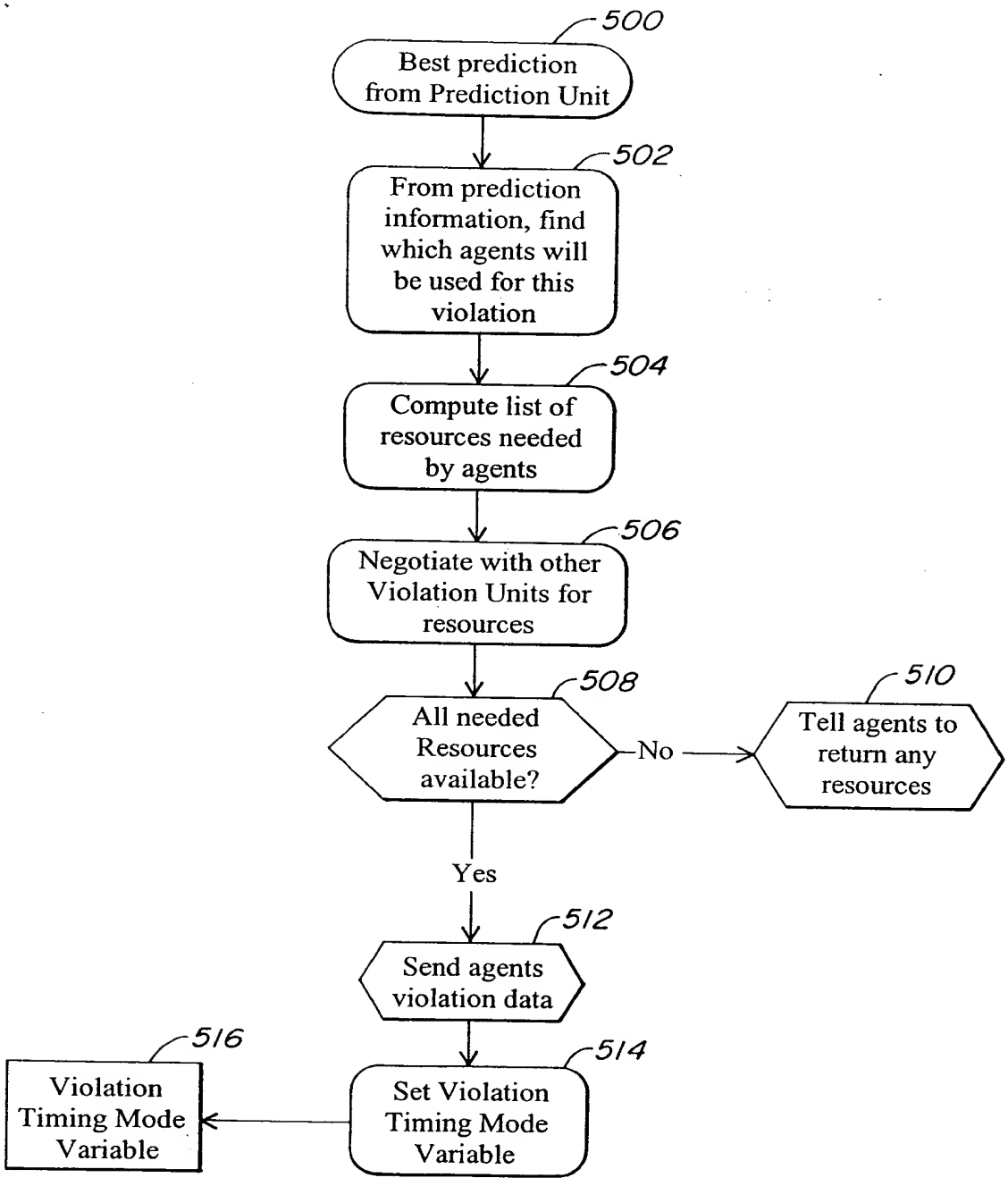



FIG. 17

PATENT & TRADEMARK OFFICE
MAR 12 2003
OIPE
JC109

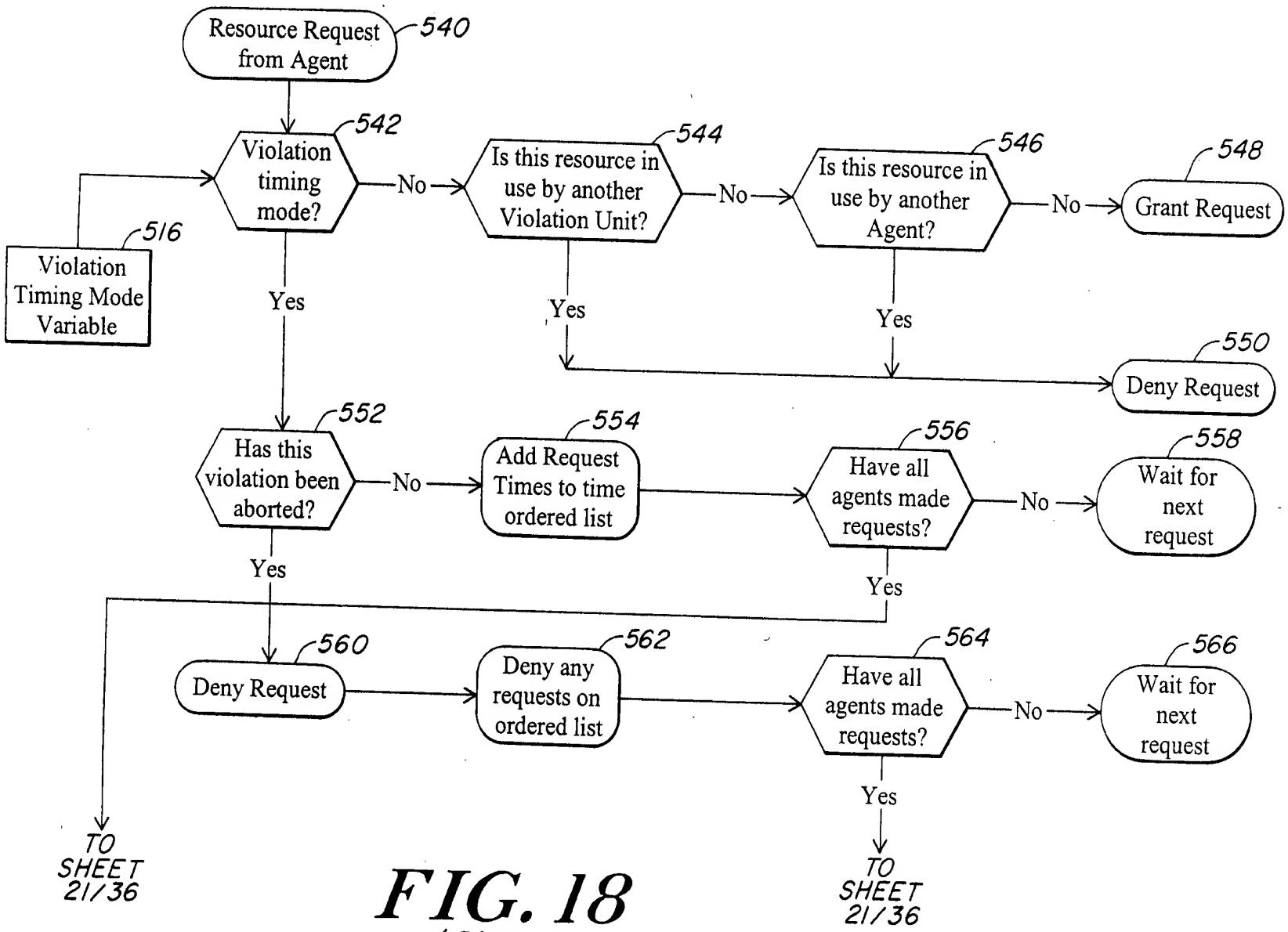



FIG. 18
(PART I)



Title: TRAFFIC LIGHT VIOLATION PREDICTION AND RECORDING SYSTEM
Inventors: Michael T. Glier, et al.
Appl. No.: 09/444,084
Docket No.: NEST-007XX

OIPE JC10
MAR 1 2 2003
PATENT & TRADEMARK OFFICE



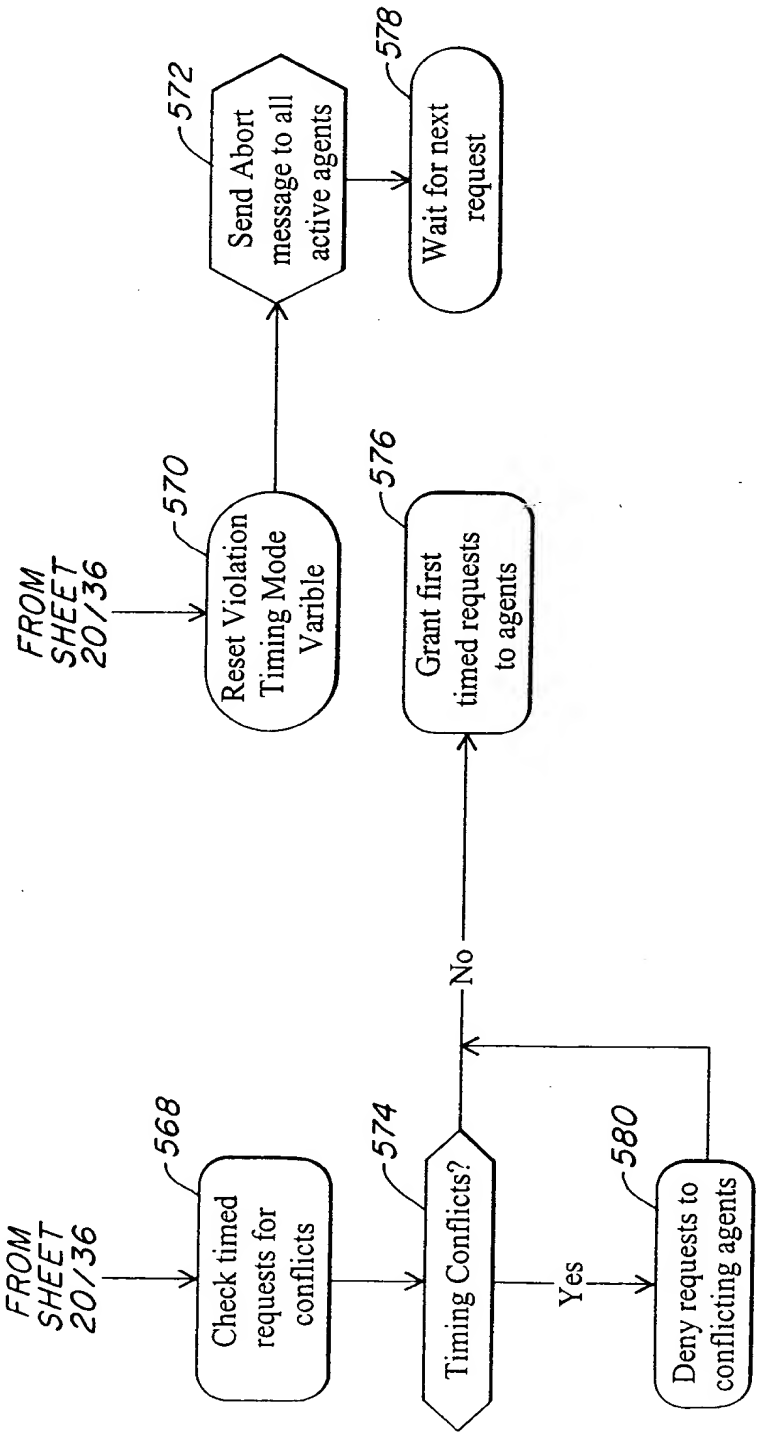



FIG. 18
(PART II)

OIPE JC109
MAR 1 2 2003
PATENT & TRADEMARK OFFICE



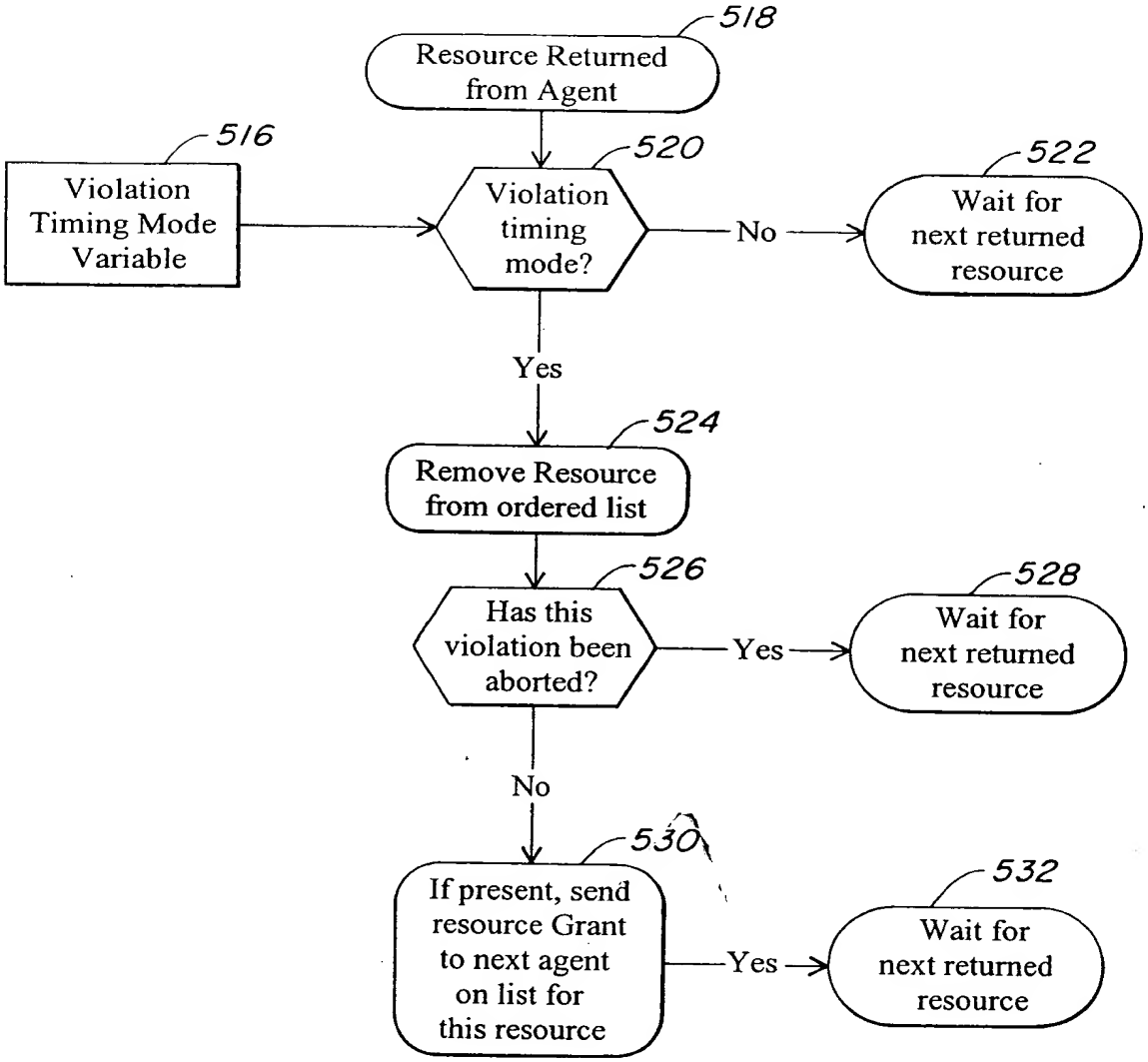



FIG. 19

OIPE
MAR 1 2 2003
JC109
PATENT & TRADEMARK OFFICE

Title: TRAFFIC LIGHT VIOLATION PREDICTION AND RECORDING SYSTEM
Inventors: Michael T. Glier, et al.
Appl. No.: 09/444,084
Docket No.: NEST-007XX



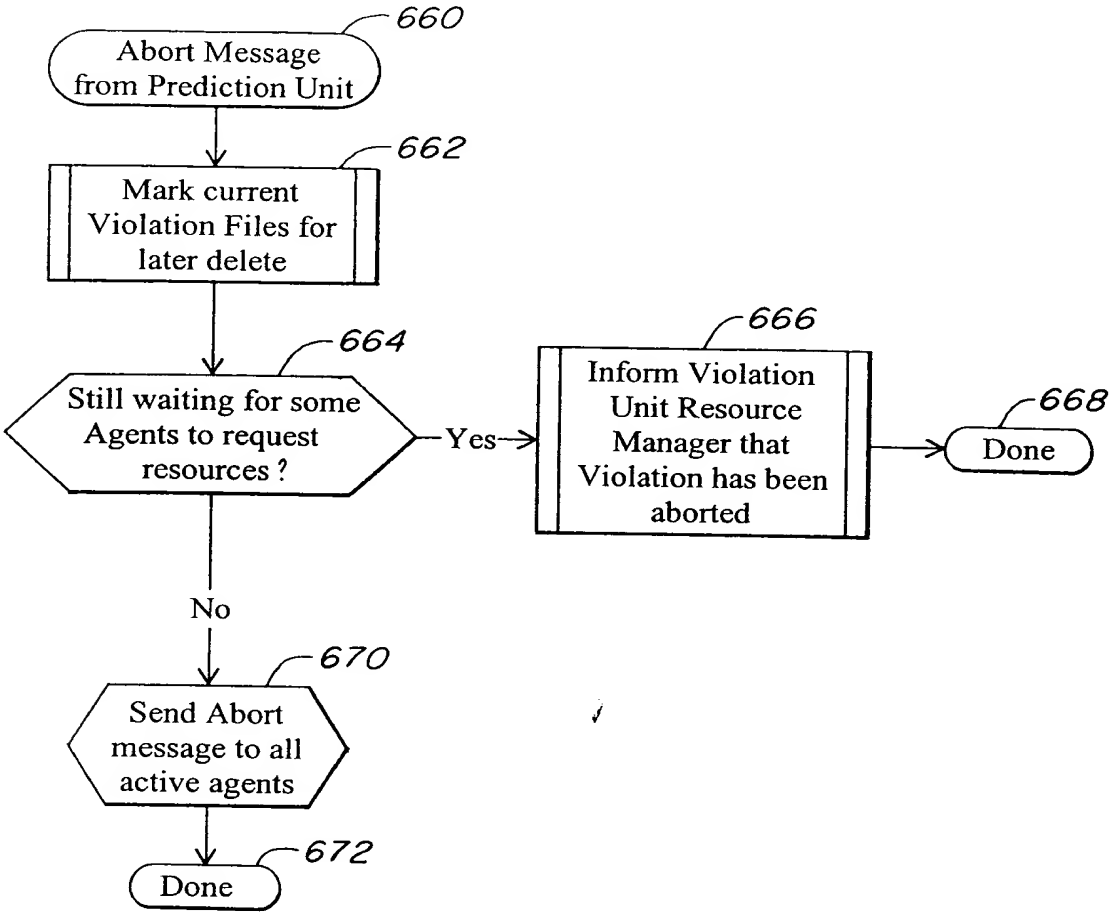



FIG. 20

OIPE JC10
MAR 1 2 2003
PATENT & TRADEMARK OFFICE

Title: TRAFFIC LIGHT VIOLATION PREDICTION AND RECORDING SYSTEM
Inventors: Michael T. Glier, et al.
Appl. No.: 09/444,084
Docket No.: NEST-007XX



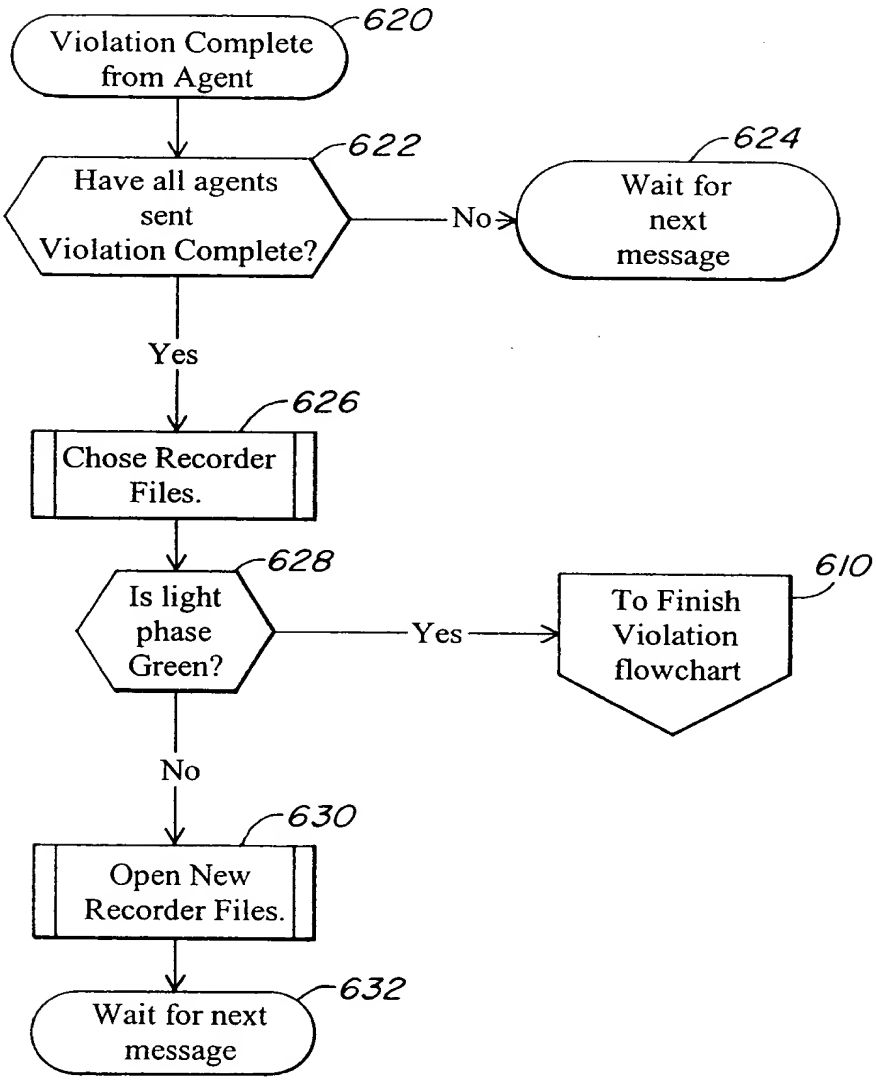



FIG. 22

OIPE JC109 MAR 12 2003 PATENT & TRADEMARK OFFICE

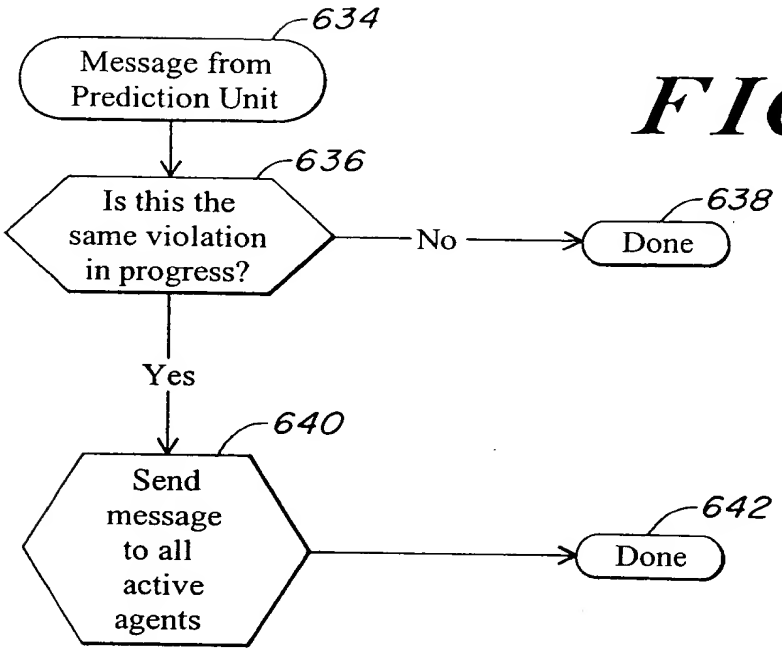



FIG. 21

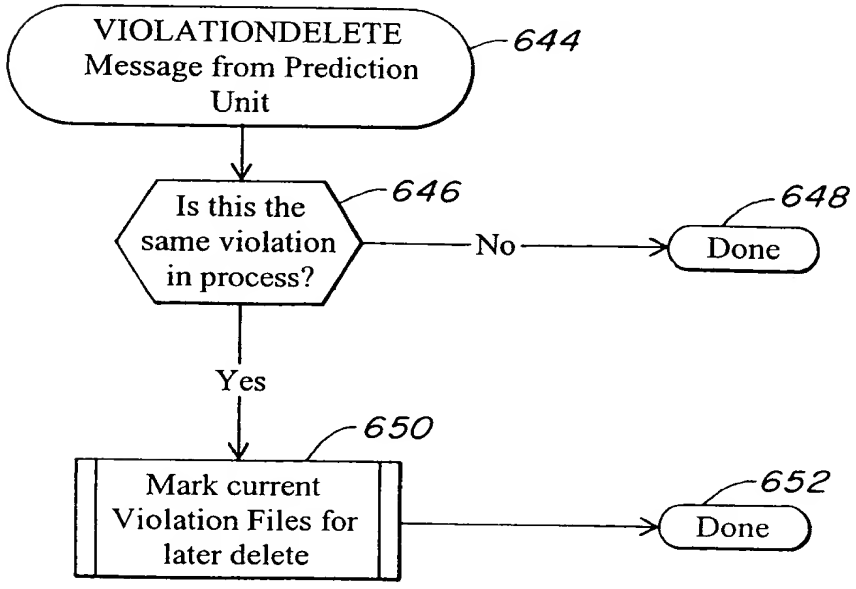



FIG. 23

OIPE JC105 MAR 12 2003 PATENT & TRADEMARK OFFICE

Title: TRAFFIC LIGHT VIOLATION PREDICTION AND RECORDING SYSTEM
Inventors: Michael T. Glier, et al.
Appl. No.: 09/444,084
Docket No.: NEST-007XX



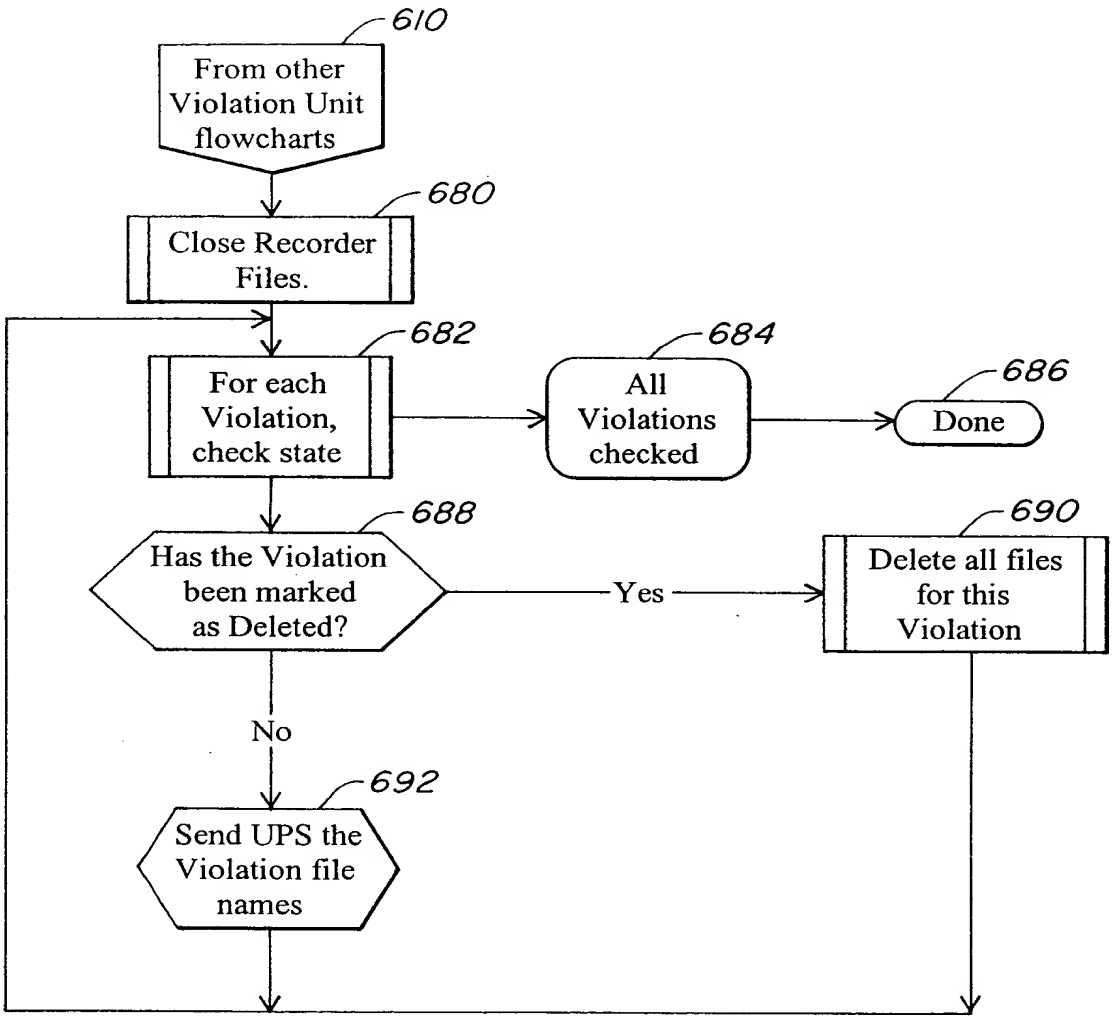



FIG. 24

OIPE JC10
MAR 12 2003
PATENT & TRADEMARK OFFICE



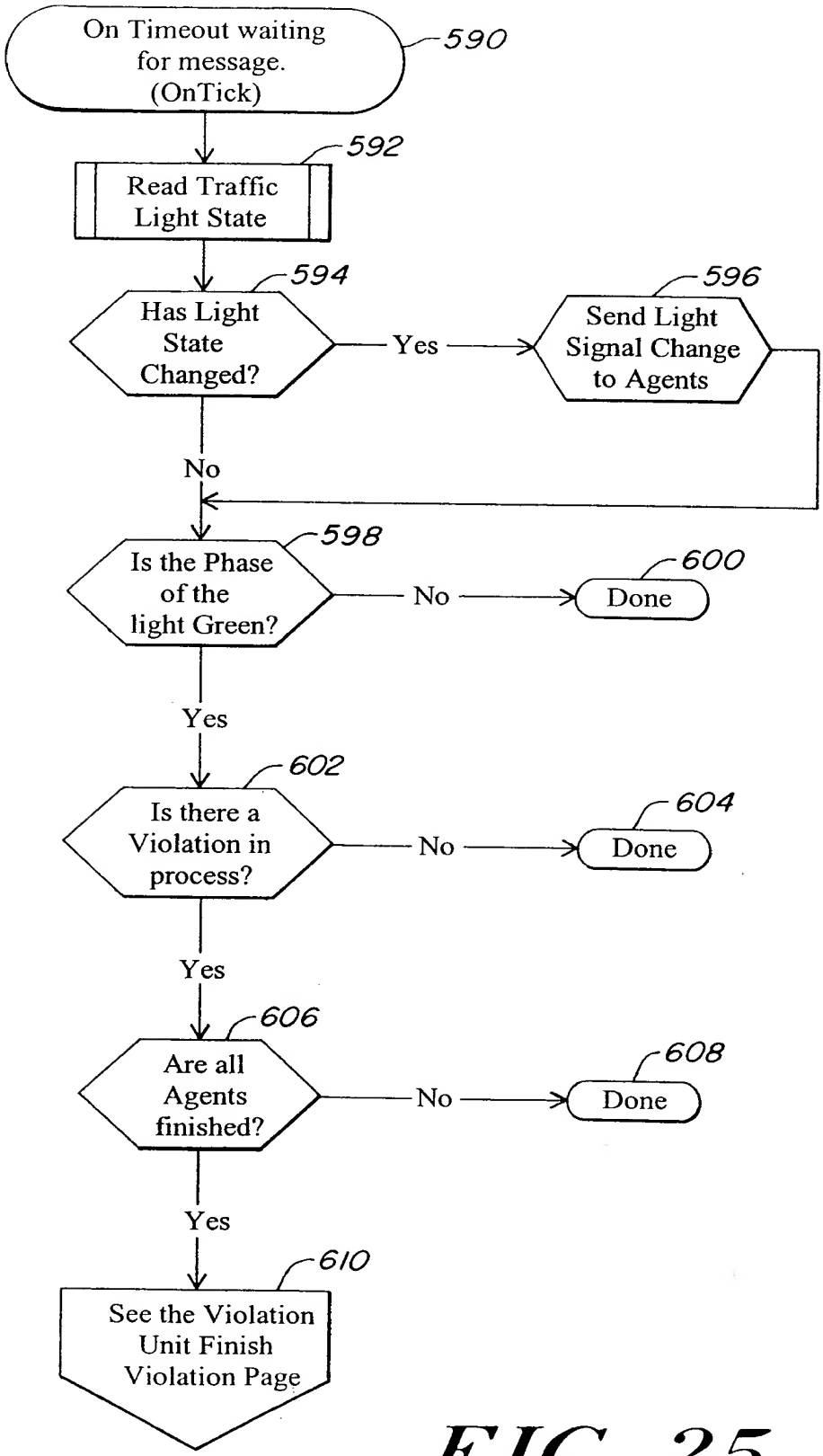



FIG. 25

OIPE JC109
MAR 12 2003
PATENT & TRADEMARK OFFICE



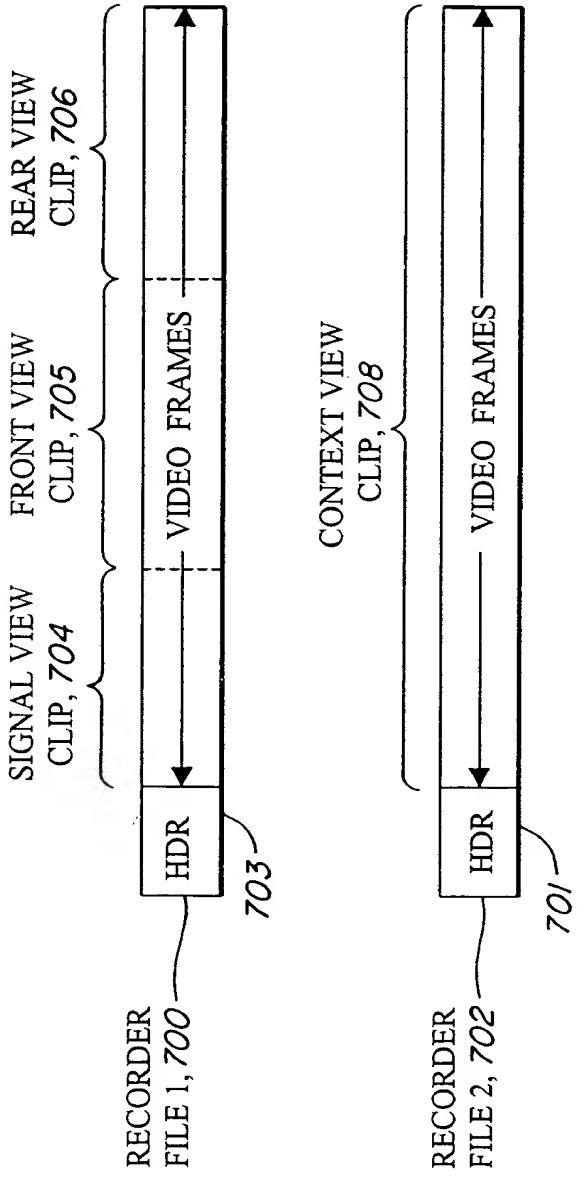



FIG. 26

Title: TRAFFIC LIGHT VIOLATION
PREDICTION AND RECORDING SYSTEM
Inventors: Michael T. Glier, et al.
Appl. No.: 09/444,084
Docket No.: NEST-007XX

OIPE JC109
MAR 1 2 2003
PATENT & TRADEMARK OFFICE



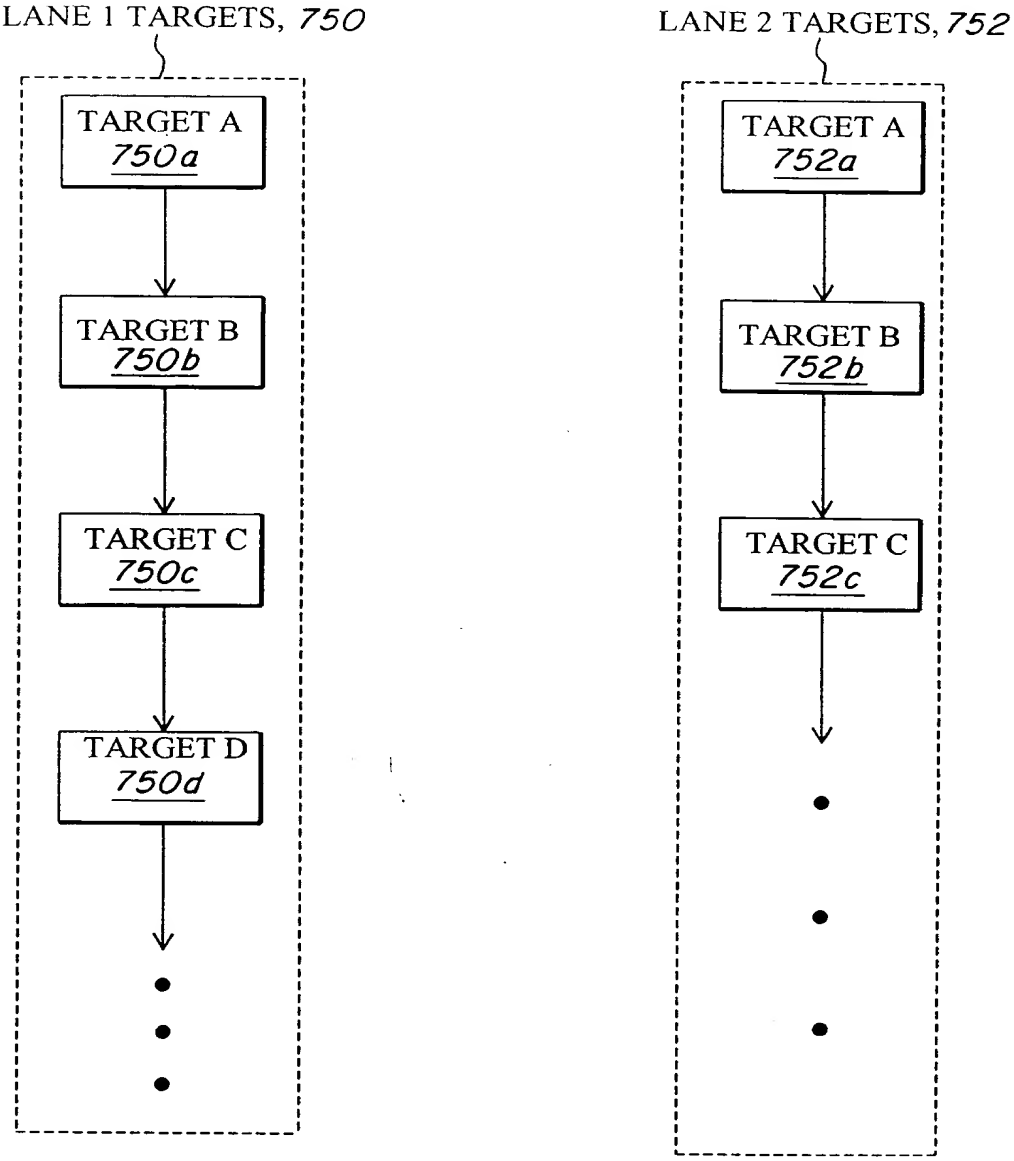



FIG. 27

OIPE JC109 MAR 12 2003 PATENT & TRADEMARK OFFICE

TARGET VEHICLE PREDICTION HISTORY 760

| | |
|---|---|
| NEXT | 761 |
| TARGET ID | 762 |
| CAMERA | 763 |
| LANE | 764 |
| PAST PREDICTIONS | 765 |
| PAST STOP LINE ON YELLOW | 766 |
| PREDICTION STATE | 767 |
| FRAMES SINCE SEEN | 768 |
| SEEN THIS FRAME | 769 |
| PAST STOP LINE | 770 |
| PAST VIOLATION LINE | 771 |
| CAME TO STOP | 772 |
| RIGHT TURN COUNT | 773 |
| TOLD VIOLATION UNIT | 774 |
| REQUESTED PREEMPTION | 775 |
| SCORE | 776 |
| HIGHEST SCORE | 777 |
| TIME ELAPSED IN RED AT STOP LINE | 778 |
| DISTANCE TO VIOLATION LINE | 779 |
| DISTANCE TRAVELLED | 780 |
| VELOCITY AT STOP LINE | 781 |
| CURRENT VELOCITY | 782 |
| CURRENT ACCELERATION | 783 |
| DISTANCE TO STOP LINE | 784 |
| FIRST POSITION | 785 |
| LAST POSITION | 786 |

FIG. 28

OIPE JC109
MAR 12 2003
PATENT & TRADEMARK OFFICE



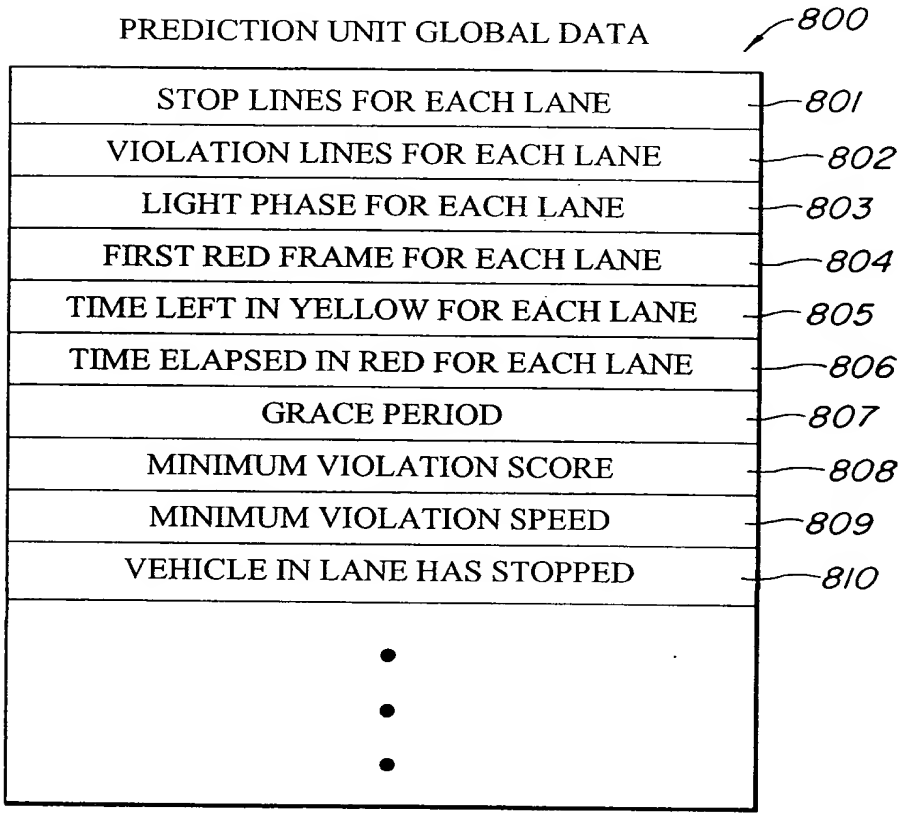



FIG. 29

OIPE JC109
MAR 12 2003
TRADEMARK OFFICE



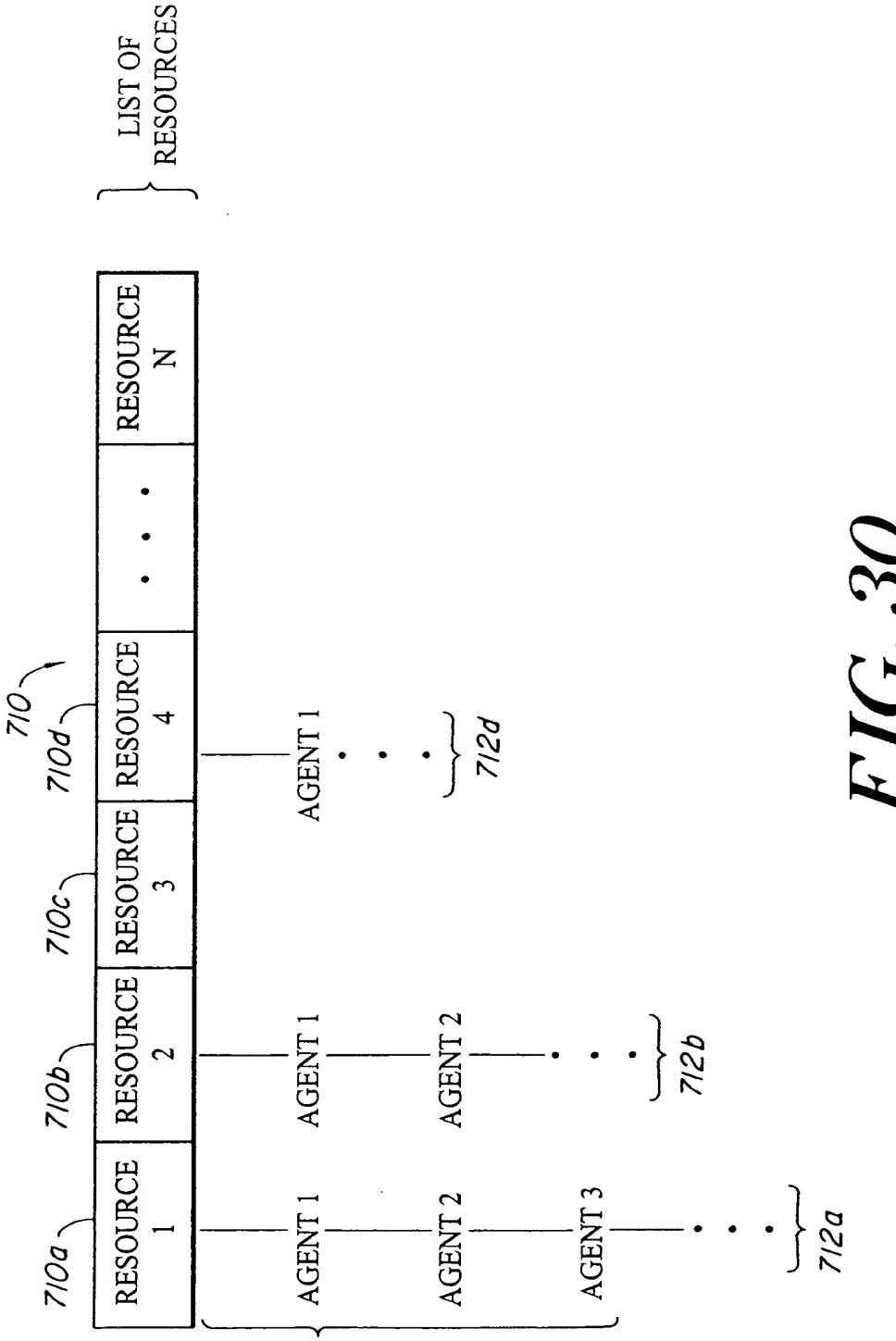



FIG. 30

OIPE JC109 MAR 12 2003 PATENT & TRADEMARK OFFICE



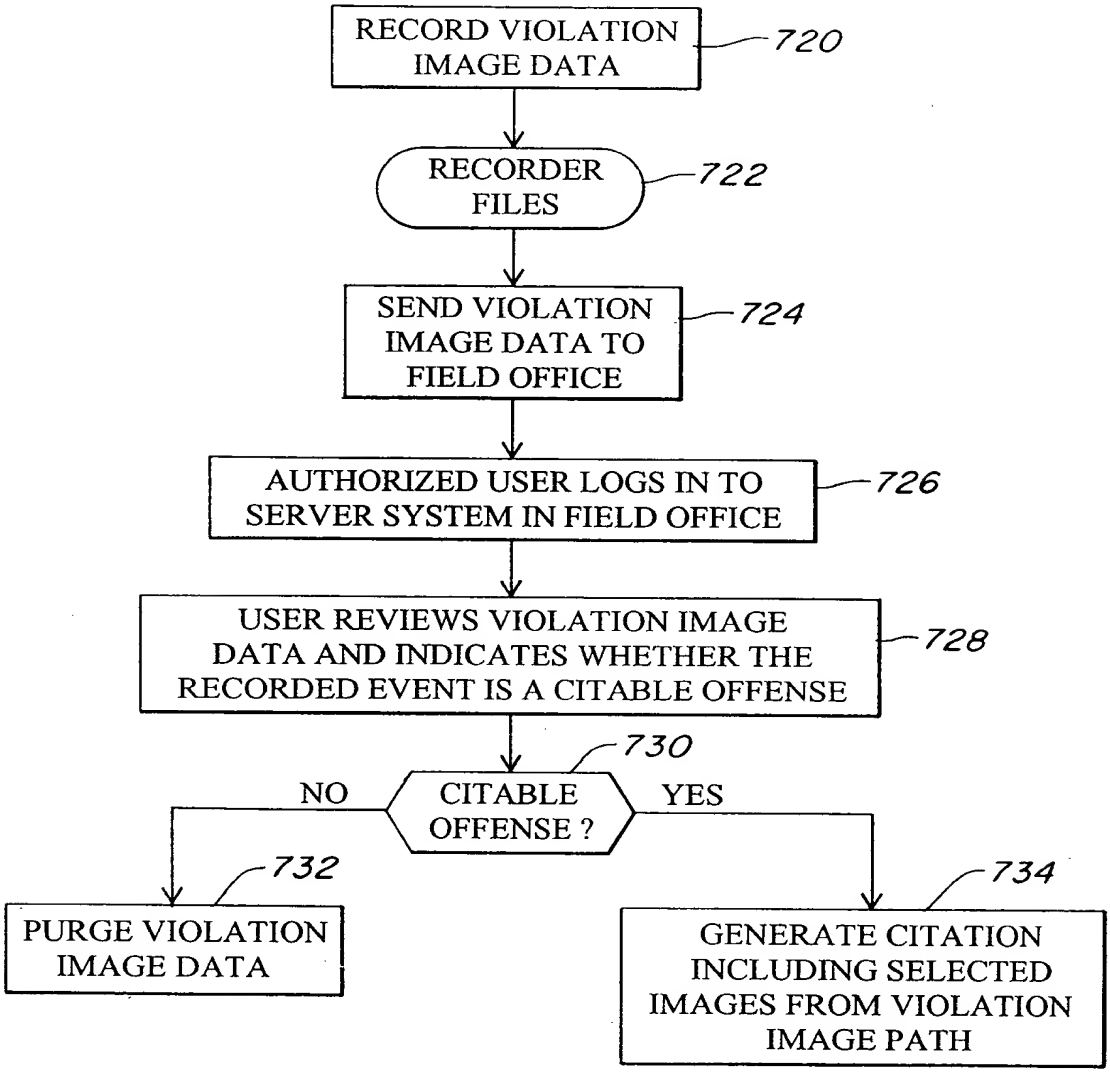



*FIG. 31*

OIPE JC103
MAR 12 2003
PATENT & TRADEMARK OFFICE

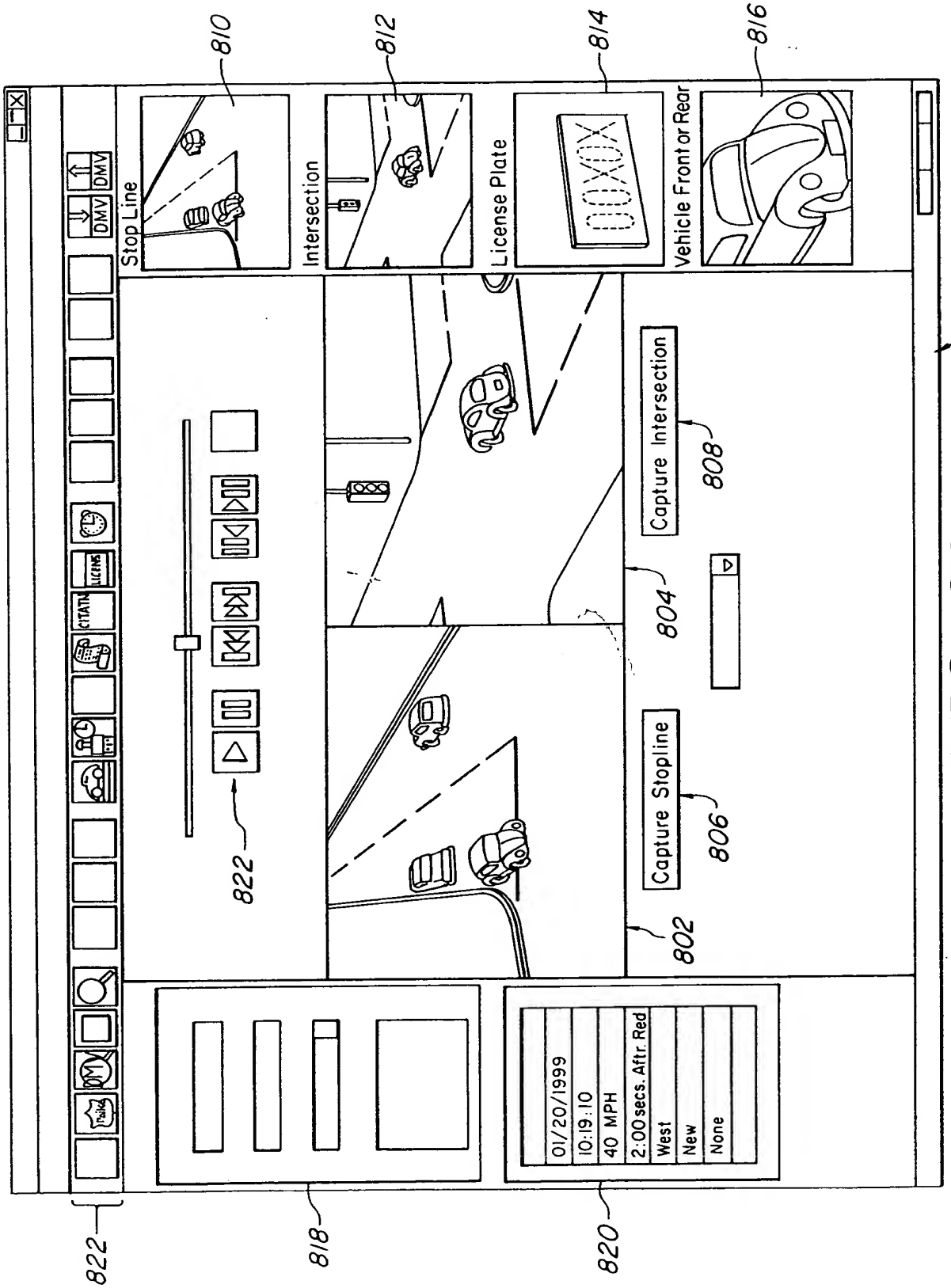



FIG. 32

OIPE JC109 MAR 12 2003 PATENT & TRADEMARK OFFICE

RED LIGHT TRAFFIC CAMERA NOTICE OF VIOLATION

Citation Number 902

REGISTERED OWNER INFORMATION:

VIOLATOR ADDRESS 904

906

Citation Information

MAILING DATE:

PAYMENT DUE DATE:

AMOUNT DUE >>

VIDEO of this offense is available for review at the Police Dept. by appointment only.

viewing the video from your citation, please call

908

Violation Images and Vehicle Registration Information

VEHICLE TAG

STATE TYPE YEAR

MAKE 910

EXPIRATION DATE 912

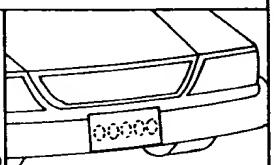
LOCATION OF OFFENSE: 914

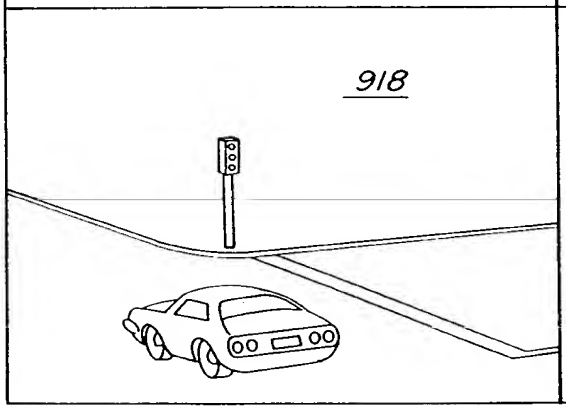
DATE/TIME OF OFFENSE:

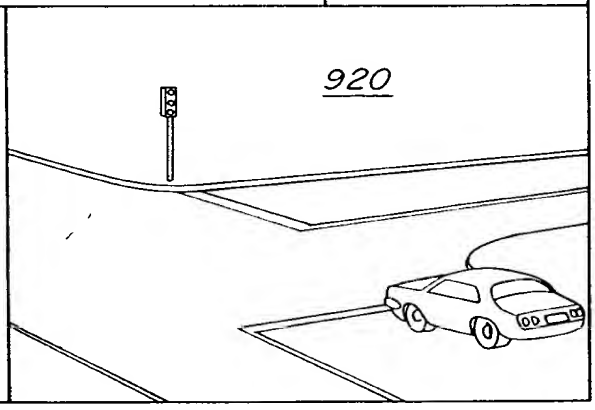
ISSUING OFFICER:

VEHICLE CROSSED STOP LINE SECONDS AFTER SIGNAL TURNED RED

VEHICLE SPEED____MPH 916






Please return this portion with your payment-Use the enclosed envelope

Citation Number 902

AMOUNT DUE >> S

TOWN OR POLICE DEPT. ADDRESS 924

VIOLATOR ADDRESS 922

900

FIG. 33

OIPE JC109
MAR 12 2003
PATENT & TRADEMARK OFFICE



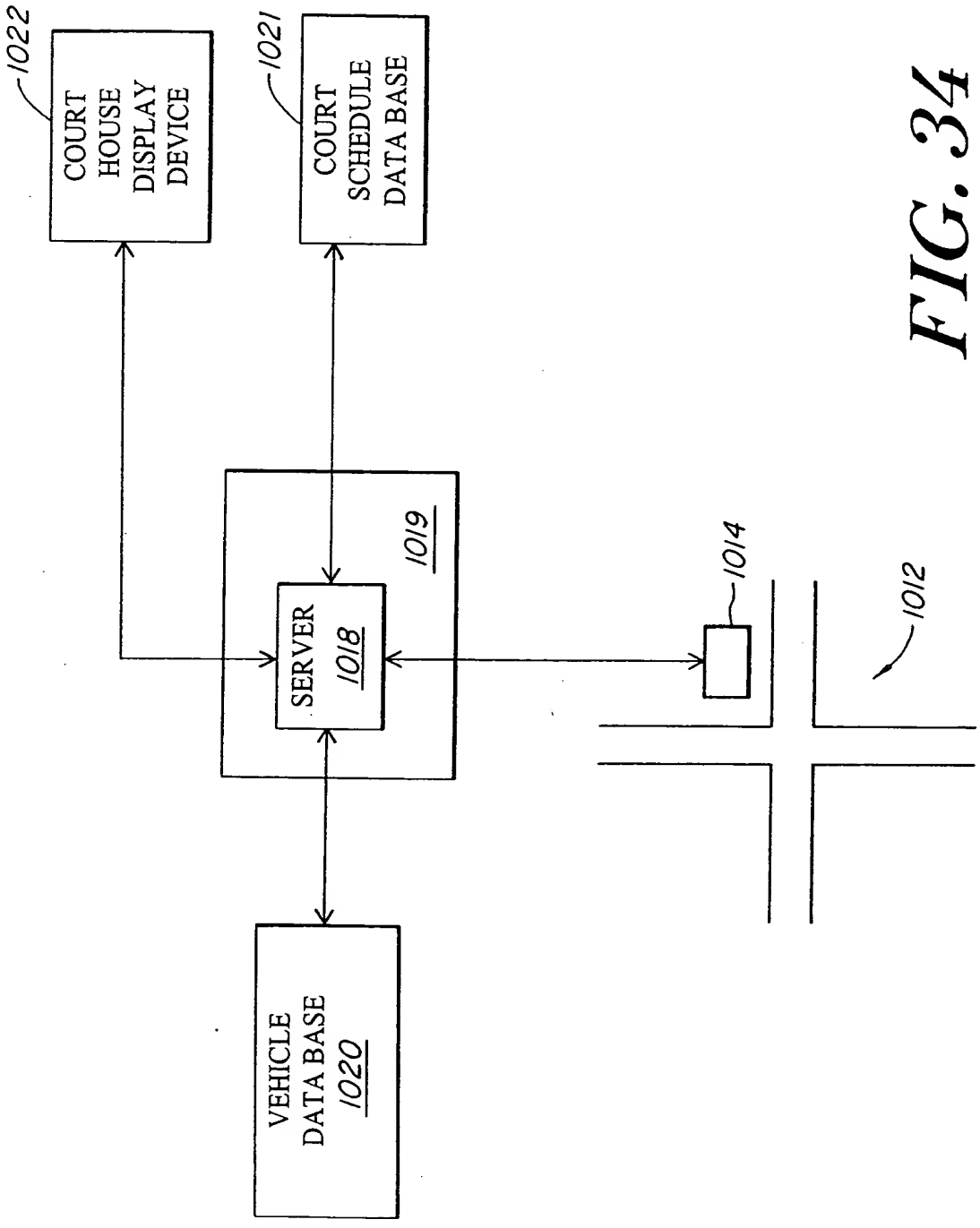



FIG. 34